

COMPUTING RESEARCH NEWS



Computing Research Association
Uniting Industry, Academia, and Government to
Advance Computing Research and Change the World.

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CRN At-A-Glance

2023 Outstanding Undergraduate Researcher Award Recipients

Congratulations to the recipients of the 2023 Outstanding Undergraduate Researcher Award. This year's nominees are a very impressive group. A number of them were commended for making significant contributions to more than one research project, several are authors or coauthors on multiple papers, others have created papers for major conferences, as well as producing software, apps and algorithms.

Many of the nominees had been involved in successful summer research or internship programs, many had been teaching assistants, tutors, or mentors, and a number had significant involvement in community volunteer efforts.

see page 4 for full article

New CRA-Industry Blog

As the committee grows, we would like to share interesting articles, updates, and industry related events in the community. If you have any articles that you would like us to share on the blog, please let Helen Wright (hwright@cra.org) know.

see page 3 for full article

CCC Council Members Nominations Open

To fulfill its mission, the CCC seeks visionary leaders – people with great ideas, sound judgment, and the willingness to work collaboratively to see things through to completion. The Council is composed of 23 researchers representing the breadth and diversity of computing today. Please help the computing community by nominating outstanding colleagues for the Council.

see page 13 for other deadlines

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Upcoming Deadlines

- January 19 – [CRA-E Graduate Fellows Program](#) Nomination Deadline
- January 27 – [Distinguished Service Award](#) Nomination Deadline
- January 27 – [A. Nico Habermann Award](#) Nomination Deadline
- January 27 – Main [CRA Taulbee Survey](#) Section Deadline
- January 30 – [CRA-WP Early Career Awards](#) Nomination Deadline
- January 30 – [CRA Leadership Academy](#) Application Deadline
- February 1 – [Scholarships for Women Studying Information Security](#) Applications Due
- February 10 – [CCC Council Members](#) Nomination Deadline
- February 15 – [Distributed Research Experiences for Undergraduates](#) Applications Due

CRA Update: Keeping you in the know

By Shar Steed and Tracy Camp

What's New

Below are more details on the deadlines listed above, as well as a list of upcoming events, from CRA and its programmatic committees. Please share these opportunities widely.

Computing Research Association

• Inaugural CRA Leadership Academy

CRA is seeking nominations of mid-career CS faculty who would benefit from attending a leadership academy, with both an in-person component on May 22-23 (in Chicago) and a virtual component.

- Eligibility: Approaching promotion to full professor or recently promoted at a North American university which is a member of the CRA. Self-nominations are welcome. The nomination form can be found [here](#). Nominations must be received by January 30.
- Nominations for both the [Distinguished Service Award](#) and the [A. Nico Habermann Award](#) are due January 27.
- The main CRA Taulbee Survey section is also due January 27.

Committee on Widening Participation in Computing Research (CRA-WP)

- The deadline for the [Distributed Research Experiences for Undergraduates \(DREU\)](#) program is February 15. Please encourage your undergraduate students to give research a try!
- The deadline for [Scholarships for Women Studying Information Security \(SWSIS\)](#) (\$2,000 or more) is February 1. Please share this scholarship opportunity with your B.S. and M.S. students.
- Lastly, the deadline for [CRA-WP Early Career Awards](#) (both the Anita Borg Early Career Award and the Skip Ellis Early Career Award) is January 30.

Computing Community Consortium (CCC)

- The CCC is currently seeking nominations for new Council members. Please help the computing community by [nominating outstanding colleagues](#) for the CCC Council by February 10.

CRA Updates (*continued*)

- The CCC is sponsoring six sessions at the AAAS 2023 Annual Meeting. Click [here](#) for more details on CCC's sessions. Early [registration](#) for the AAAS meeting ends February 7.

Industry Committee (CRA-I)

- CRA-I recently launched the [CRA-I Blog](#)! The CRA-I Blog will share interesting articles, updates, and industry related events in the community. If you have articles to share on the blog, please contact Helen Wright at hwright@cra.org.
- CRA-I, in collaboration with CCC and CRA-WP, will host a workshop on [Accessible Technology for All](#), February 22-23 in DC. Contact industryinfo@cra.org to learn more.

Education Committee (CRA-E)

- While seats are still available, CRA-E will continue to accept [applications](#) for its annual [Professional Development Event for Teaching-Track Faculty](#) at SIGCSE 2023 (to be held March 15th).
- The [CRA-E Graduate Fellows Program](#) is accepting nominations until January 19.

Center for Evaluating the Research Pipeline (CERP)

- CERP will host a Departmental BPC Plan Workshop at [SIGCSE 2023](#), as two 3-hour workshops (on March 17 and 18). Early registration for SIGCSE 2023 ends February 3.
- The Data Buddies Survey is active and closes on February 27.
- A new [BPC Literature Database](#) is now available on BPCnet.org.
- Evaluation reports for CISE REU Site Projects will be available by January 31.

CRA Government Affairs

- NSF receives [historic budget increase](#).
- After a pause due to the pandemic, the next [Leadership in Science Policy Institute](#) (where computing researchers can get educated on U.S. science policy) will be held November 15-17. More details soon. For now, save the date!
- CRA will also hold its annual [Congressional Visit Day](#) in person this year. The date is not yet determined (typically mid-September). The CRA Government Affairs Office will send a call for participants by July.



CRA-Industry Announces New Blog

By Helen Wright, CRA-I Senior Program Associate

Computing Research Association-Industry (CRA-I) is pleased to announce the new CRA-I Blog!

As the committee grows, we would like to share interesting articles, updates, and industry related events in the community. If you have any articles that you would like us to share on the blog, please let Helen Wright (hwright@cra.org) know.

Please make sure to check [the website regularly](#) and subscribe to our CRA-I blog email [here](#). If you have already subscribed to CRA-I's updates within the past year, you will already be getting the blog email.

We look forward to sharing ideas through this blog with you!

2023 Outstanding Undergraduate Researcher Award Recipients



Congratulations to the recipients of the 2023 Outstanding Undergraduate Researcher Award. This year's nominees are a very impressive group. A number of them were commended for making significant contributions to more than one research project, several are authors or coauthors on multiple papers, others have created papers for major conferences, as well as producing software, apps and algorithms.

Many of the nominees had been involved in successful summer research or internship programs, many had been teaching assistants, tutors, or mentors, and a number had significant involvement in community volunteer efforts.

CRA gratefully acknowledges the support of [Microsoft Research](#) and [Mitsubishi Electric Research Labs](#) (MERL), which sponsor the Outstanding Undergraduate Researcher Award program in alternate years. Microsoft Research is the sponsor of this year's awards.

2023 Selection Committee: Michael Hilton (Carnegie Mellon University), Co-Chair, Monica Anderson (University of Alabama), Co-Chair, Jonathan Bell (Northeastern University), Victoria Interrante (University of Minnesota), Evan Peck (Bucknell University), Raghu Ramanujan (Davidson College), Steve Swanson (University of California, San Diego), Matt Weinberg (Princeton University), Rahmat Beheshti (University of Delaware), and Tony Clark (Pomona College).

Thank you to those who volunteered their time to serve on the selection committee for this award.

A list of the winners, runners-up, finalists, and honorable mentions is below.

Awardees



Sílvia Casacuberta Puig

Harvard University

Sílvia Casacuberta Puig is a senior at Harvard University, majoring in mathematics and computer science, while concurrently pursuing a Master's of Science in computer science. Her research spans a variety of different areas, including matrix algorithms, cryptography, data privacy, algorithmic fairness, machine learning, and computational linguistics. Her work builds on one of the most mathematically sophisticated approaches to fairness ("outcome indistinguishability"), and her investigation has led to intriguing insights where methods developed for algorithm fairness are shedding new light on classic results in computational complexity such as Impagliazzo's Hardcore Lemma. In addition to doing

great research, Sílvia gives back by being a teaching assistant in a variety of computer science courses. In addition, she has shown great leadership by serving as co-director of academics of Harvard Women in Computer Science (WICS), as a co-president for Harvard Gender Inclusivity in Mathematics (GIM), and starting initiatives such as the WICS Undergraduate Research Reaching Groups.



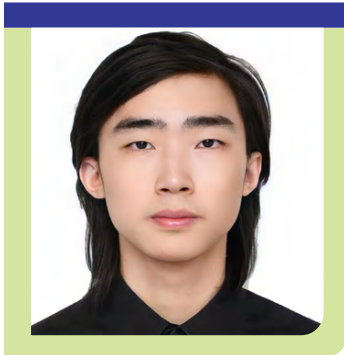
Carmen Strassle

Stanford University

Carmen Strassle is a senior at Stanford University, majoring in physics and mathematics, while also concurrently pursuing a Master's Degree in computer science. Her research interests are in the area of theory and algorithms. Her work led to improvements in the lower bounds for decision tree learning, which is a basic algorithmic task. She showed how existing results on the inapproximability for parameterized Set Cover yield qualitative improvements over the state-of-the-art decision tree learning lower bounds, but also how her technique can be combined with

Award Recipients (*continued*)

recently developed composition lemmas for query complexity to give lower bounds even against the much easier task of testing decision trees. In addition to this work, she has also worked on a second challenge that has shown improvements for the problem of Certification with an NP oracle. In addition to her strong research work, Carmen is a lead tutor for math and physics, as well as a course assistant for computer science and math classes.



Zineng Tang

University of North Carolina at Chapel Hill

Zineng Tang is a senior at the University of North Carolina at Chapel Hill, where he is pursuing his Bachelor of Science degree in computer science and mathematics. Zineng's research interests are in the fields of machine learning and natural language processing. His research focuses on two main research questions: how could one perception help the learning of another, and how could different perceptions be learned jointly. One example of this is VidLanKD, where his work explores how visual data can enhance language learning. By using a teacher and student framework, the work improves upon previous results, and offers new insights into how language

models can learn language beyond text.



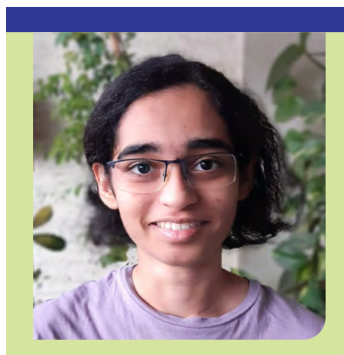
Zhihan Yang

Carleton College

Zhihan Yang is a senior at Carleton College, where he is a double major in mathematics and statistics. His research is in the area of probabilistic machine learning and deep learning. Specifically, his work at Carleton uses multi-armed bandit algorithms to allocate participants to conditions in educational experiments. Using adaptive algorithms in this way offers opportunities to allocate more students to more effective conditions, which is beneficial for students participating in the experiment, but also makes it easier for teachers to conduct experiments in their classes, leading to more effective materials and helping scientists better understand how

people learn. Additionally, he has done work on deep generative models for game content generation and deep reinforcement learning for partially observable problems at Northeastern University.

Runners-Up

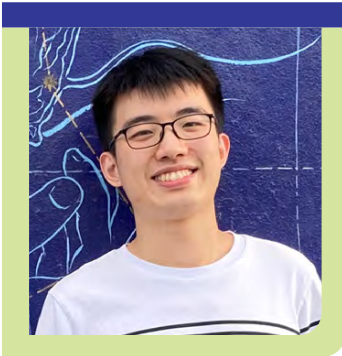


Aparna Gupte

Massachusetts Institute of Technology

Aparna Gupte is a senior at Massachusetts Institute of Technology majoring in computer science and mathematics. Her research interests are in the theoretical aspects of machine learning. Her research fits into two broad themes: the computational complexity of machine learning problems and deep learning theory. She has served as a teaching assistant and tutor at MIT and mentored high school students for a reading program on cryptography.

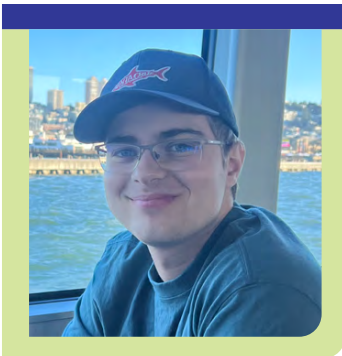
Award Recipients *(continued)*



Ziming Mao

Yale University

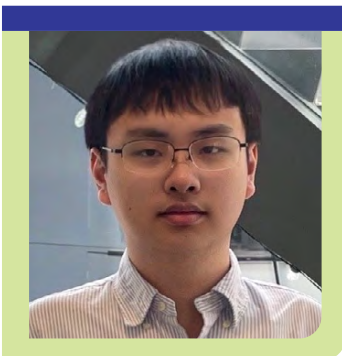
Ziming Mao is a senior at Yale University, where he is pursuing degrees in computer science and philosophy. His research interests lie at the intersection of theory and systems, with contributions to natural language processing, data store, caching systems, and memory disaggregation. His research experiences have included multiple layers of the computing stack, from algorithms to applications, to operating systems and hardware. Besides research, Ziming is interested in astrophotography and runs a popular Instagram page, @the.astronomy.daily. He also helps to organize high school outreach events for students interested in computer science.



Francisco Pernice

Stanford University

Francisco Pernice is a senior at Stanford University, where he is pursuing degrees in mathematics and computer science. His research interests are in theoretical computer science, and has worked on projects in algorithmic game theory and error correcting codes for deletion channels. He has served as a teaching assistant for eight quarters and volunteered to help train new students for the role.



Fengyu Yang

University of Michigan, Ann Arbor

Fengyu (Fred) Yang is a senior at the University of Michigan majoring in computer science with a minor in business. His research interests are centered in computer vision, and he has worked on projects in multimodal perception, semantic segmentation, and crowd analysis. He connects his computer vision research with the real-world by building new datasets that more closely resemble the way that humans interact with the world. He is heavily involved in Model United Nations (MUN) organizations, serving as the president of multiple MUN conferences and leader of MUN classes in high schools.

Finalists

David Cao	<i>University of California, San Diego</i>
Kirsten Chapman	<i>Brigham Young University</i>
Davidson Cheng	<i>Colorado College</i>
Amil Dravid	<i>Northwestern University</i>
Michael Duan	<i>University of Washington</i>
Anya Ji	<i>Cornell University</i>
Laura Lewis	<i>California Institute of Technology</i>
Sizhe Li	<i>University of Rochester</i>

Award Recipients *(continued)*

Tongtong Liu	<i>Wake Forest University</i>
Ayana Monroe	<i>University of North Carolina at Chapel Hill</i>
Elizaveta Pertseva	<i>University of California, San Diego</i>
Zeyu Shen	<i>Duke University</i>
Chenglei Si	<i>University of Maryland</i>
Anikait Singh	<i>University of California, Berkeley</i>
Edward Sitar	<i>University of South Carolina</i>
Samuel Tan	<i>Haverford College</i>
Raul Villanueva	<i>University of Washington</i>
Stefan Walzer-Goldfeld	<i>Amherst College</i>
Rui Xin	<i>Duke University</i>
Samuel Yu	<i>Carnegie Mellon University</i>
Yifei Zhou	<i>Cornell University</i>

Honorable Mentions

Anas Awadalla	<i>University of Washington</i>
Adira Blumenthal	<i>University of Rochester</i>
Evelien Boerstra	<i>University of British Columbia</i>
Victoria Chen	<i>Tufts University</i>
Nathaniel Collins	<i>University of Colorado, Boulder</i>
Trung Dang	<i>Purdue University</i>
Xiang Fan	<i>Carnegie Mellon University</i>
Henry Fleischmann	<i>University of Michigan, Ann Arbor</i>
William He	<i>Duke University</i>
Jung Hwan (John) Heo	<i>University of Southern California</i>
Cynthia Hom	<i>Harvey Mudd College</i>
Kevin Jiang	<i>Cornell University</i>
Anisha Kabir	<i>University of California, Santa Barbara</i>
Malik Khadar	<i>University of Minnesota</i>
Shreyas Kharbanda	<i>Purdue University</i>
William Krska	<i>Boston University</i>
Yihe Liu	<i>Georgia Institute of Technology</i>
Angeline Luther	<i>University of Nebraska-Lincoln</i>
Rachel Ma	<i>Brown University</i>
Rachel Masters	<i>Colorado State University</i>
Malia Morgan	<i>Harvey Mudd College</i>
Stephen Price	<i>Worcester Polytechnic Institute</i>
Francis Rinaldi	<i>Illinois Institute of Technology</i>

Award Recipients *(continued)*

Jonathan Rogers	<i>Williams College</i>
Elizabeth Seero	<i>Colorado College</i>
Jim Wang	<i>Johns Hopkins University</i>
Eric Xing	<i>Western Kentucky University</i>
Draco Xu	<i>University of Rochester</i>
Rem Yang	<i>University of Illinois</i>
Runlong (Harry) Ye	<i>University of Toronto</i>
Fangcong Yin	<i>Cornell University</i>
Sadie Zhao	<i>Pomona College</i>

2023 CRA-WP Early Career Awards Nominations Open




CRA-WP EARLY CAREER AWARDS

Nominations Close: Jan. 30, 2023

CRA-WP

Computing Research Association
Widening Participation

CRA-WP welcomes your nominations for the [Early Career Awards](#) honoring Anita Borg and Clarence “Skip” Ellis:

Anita Borg Early Career Award (BECA)

The Anita Borg Early Career Award (BECA) is named in honor of Anita Borg, who was an early member of CRA-WP and is inspired by her commitment to increasing the participation of women in computing research.

The annual award is given to a woman in computer science and/or engineering who has made significant research contributions in computer science and/or engineering and has also contributed to the profession, especially in outreach to women.

Skip Ellis Early Career Award (SEECA)

The Skip Ellis Early Career Award is in honor of Clarence “Skip” Ellis; he was the first African-American to earn a Ph.D. in computer science and the first African-American to be elected a Fellow of the ACM.

This annual award is given to a person who identifies as a member of a group underrepresented in computing (African-American, Latinx, Native American/First Peoples, and/or People with Disabilities), who has made significant research contributions in computer science and/or engineering and has also contributed to the profession, especially in outreach to underrepresented demographics.

Applications Open for Scholarships for Women Studying Information Security (SWSIS): Deadline February 1



CRA-WP
Computing Research Association
Widening Participation

scholarships for women
SWSIS
studying information security



The **SWSIS program** provides scholarships of \$2,000 or more for women studying for their Bachelor's and Master's degrees in fields relating to information security. The purpose of these scholarships is to provide assistance to women at the formative stages of their careers in these fields.

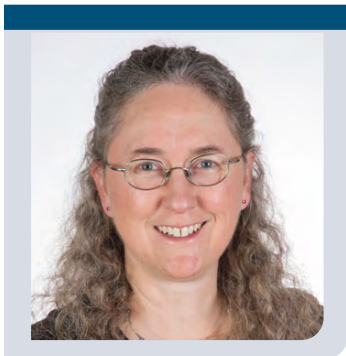
SWSIS is a partnership of Applied Computer Security Associates (ACSA) and CRA-WP. Its long-term goal is to contribute to increasing the representation of women in the information security workforce.

Application Period: December 15 - February 1. [Encourage your students to apply to SWSIS!](#)

CRA-WP Co-Chair Susan Rodger Receives 2023 SIGCSE Award for Outstanding Contribution to Computer Science Education



CRA-WP
Computing Research Association
Widening Participation



The 2023 SIGCSE Award for Outstanding Contribution to Computer Science Education has been awarded to CRA-WP Co-Chair [Susan Rodger](#), Professor, Department of Computer Science, Duke University.

From the [SIGCSE website](#):

The SIGCSE Award for Outstanding Contribution to Computer Science Education honors an individual or group in recognition of a significant contribution to computer science education. The contribution may take many forms, such as: curriculum design, innovating teaching methods, textbook authorship, development of new teaching tools, or any of a number of other significant contributions to computer science education. The contribution should have had long lasting impact on, and made a significant difference in, computing education.

Congratulations Susan on this much deserved award!

CRA-E's Undergraduate Research Highlights: Fairness in Rideshare Algorithms Helped Pave My Path



CRA-E

Computing Research Association
Education

CRA-E's "Undergraduate Research Highlights" series showcases outstanding research done by undergraduate students at universities and colleges across North America. Each article features the story of a successful undergraduate researcher and offers personal insights into their experiences with finding an advisor, undertaking new research projects, and discovering how research can impact their personal and professional future. It is one of a number of CRA-E's activities that foster and recognize talented computing researchers with the goal of increasing the research pipeline, promoting graduate education, and advocating research-based careers.

In addition to helping students understand the process of getting involved in research, the articles also serve as a venue for students to pass along advice to others who aspire to become involved in research themselves. Students selected for the research highlights include those receiving recognition in the **CRA Outstanding Undergraduate Researcher Award** competition. This series is written and edited by **CRA-E Graduate Fellows**.

Why am I seeing this ad? User experience research to make privacy more accessible

Naveen Raman, B.S in Mathematics and Computer Science, University of Maryland, College Park

This Q&A highlight features **Naveen Raman**, a Finalist in the 2022 **CRA Outstanding Undergraduate Researchers** award program. Naveen graduated from the University of Maryland, College Park and is now at the University of Cambridge on a Churchill Scholarship to pursue an MPhil in Advanced Computer Science. This interview has been edited for length and clarity.

Can you tell us a bit about how you originally got involved in research?

I found my first research internship during high school. I had heard of other students doing summer research internships, so I emailed different professors at my local university, University of Maryland at College Park. Among the professors who responded, I found **Dr. Bill Gasarch's** project most interesting. It involved trying to determine the optimal way to split up a bunch of resources to maximize the size of the minimum resource—this is called **the muffin problem**, since if you're dividing up muffins among a group, nobody wants a small piece. And I thought, this is really cool, because it involved both a little bit of practical elements, but also a lot of proving things in theory.

Over my undergraduate degree, I worked with a number of mentors on different research topics, from computational biology to fairness, which is what I'm focused on now.



"Rather than feeling isolated, working with other researchers creates a sense of community, as if I'm working with a whole community to tackle a problem."

Naveen Raman



CRA-E

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Education

<https://conquer.cra.org/>
[@CRATweets](#)



Research Highlights *(continued)*

Your CRA recognition was for your work on fairness in rideshare algorithms; can you tell us more about that project?

Our project aimed to make the algorithms that match rideshare drivers with riders more fair. Existing matching algorithms aimed to maximize income but could lead to unequal income distribution among drivers and discriminatory treatment of riders. For example, in some areas, Black riders tend to experience more ride cancellations (Ge et al., 2016).

By designing new **objective functions** for these matching algorithms, we were able to improve rider-side fairness inequality. Then, by augmenting these fairer matching algorithms with income redistribution, we also improved driver wage equality.

We published our **rideshare fairness balancing work at IJCAI**, a premier Artificial Intelligence conference.

Who were your research mentors on this project, and what was it like working with them?

My main mentors on this project were **Dr. John Dickerson** at the University of Maryland and **Sanket Shah**, who was at Singapore Management University (SMU) during the project, and is now at Harvard University.

One of the first papers I read on rideshare algorithms was actually one of Sanket's papers, and I aimed to build on his model for this project. I emailed him to get some extra data and clarify some aspects of his model. In this back-and-forth, he expressed interest in joining our project, and his experience with rideshare algorithms proved invaluable. He provided ideas throughout the project, and his feedback during the paper-writing process helped me improve as a writer.

Professor Dickerson has also provided mentorship and guidance over the years. Beyond project mentorship, he has helped me with the grad school application process, including guiding me on where to apply, how to write a statement of purpose, and how to select the best grad school for me.

Given you've been on multiple projects, what have you observed, working with different mentors?

Everyone has different styles of mentoring and research. Some professors prefer to be more hands-on, while others prefer giving higher-level feedback. Researchers have different preferences for conducting meetings and other events. Learning how each researcher differs and how you can modify your style to match theirs is important for effective communication.

What challenges did you encounter when first getting started in research?

The toughest thing about research is the freedom you get. Deciding what to read and sorting through the sheer volume of information is still challenging for me. I found that the only way to address this is to stay organized. You see everyone organize things differently, you take little bits from others, and learn through trial and error. Every once in a while, I reorganize my things, and over time my system seems to become more tailored toward my needs.

What is one of your favorite aspects of research?

I enjoy the combination of autonomy and collaboration in research. My problem is my own, and in a sense, I'm the expert on my problem. Yet I'm able to collaborate with other researchers with varying expertise. Rather than feeling isolated, working with other researchers creates a sense of community, as if I'm working with a whole community to tackle a problem.

Do you have any advice for other students looking to get into research?

I would encourage students to try out different things in general; not just research, but a variety of activities. I had the opportunity to take classes ranging from naval ethics to educational policy to Ottoman history and work on topics ranging from artificial intelligence to green transportation. Every topic taught me new skills and seemingly incongruent topics had synergistic connections that helped me.

– Edited by Yasra Chandio and Nadia Ady



CCC

Computing Community Consortium
Catalyst

CCC Council Members Nominations Open

By Haley Griffin, CCC Program Associate

The **Computing Community Consortium** (CCC) is charged with enabling the pursuit of innovative, high-impact computing research that aligns with pressing national and global challenges. Established in 2006 through a cooperative agreement between the **U.S. National Science Foundation** (NSF) and the **Computing Research Association** (CRA), CCC provides a voice for the national computing research community, facilitating the development of a bold, multi-themed vision for computing research and communicating that vision to a wide range of stakeholders.

To fulfill its mission, CCC seeks visionary leaders – people with great ideas, sound judgment, and the willingness to work collaboratively to see things through to completion. The Council is composed of 23 researchers representing the breadth and diversity of computing today.

Please help the computing community by nominating outstanding colleagues for the Council.

CCC carries out its work through an active and engaged **Council**, currently led by Chair **Daniel Lopresti** (Lehigh University) and Vice Chair **Nadya Bliss** (Arizona State University). The members of the Council are appointed by CRA, in consultation with NSF, for staggered three-year terms. In the aggregate, the Council strives to reflect the full breadth of the computing research community – this includes its research areas, institutional structures and geography (e.g., industry / academia, public / private, large / small, urban / nonurban), and all other forms of diversity, broadly defined. The Council is fully supported by a dedicated staff at CRA, led by Director **Ann Schwartz**.



Member Nominations Open (*continued*)

What do CCC Council members do?

- Help develop and lead new visioning activities (e.g., **Building Resilience to Climate Driven Extreme Events with Computing Innovations: A Convergence Accelerator Workshop**)
- Shepherd visioning activities put forward by community colleagues (e.g., Workshop Series on **Artificial Intelligence / Operations Research**)
- Serve on and engage in topical CCC **Task Forces**
- Develop and lead new activities (Community Roadmaps)
- Engage with government agencies, industry, and sister organizations (NSF, NIH, NITRD, ACM, IEEE-CS, etc.)
- Write and edit white papers, blog posts, and contribute to other CCC communications efforts (e.g. 2020 Quadrennial Papers)
- **Respond to Government RFI's**
- Participate in monthly video conferences
- Attend three full-day Council meetings each year
- Handle other requests from and for the community, as needed

For more information about CCC, please visit our [website](#) and [blog](#).

CCC's Nominating Subcommittee invites nominations (including self-nominations) for members to serve on CCC Council for terms beginning July 1, 2023 and concluding June 30, 2026. Our goal is for the Council to represent the full computing research community. We are seeking new members to complement the current Council and help us achieve this goal.

Please send nominations, together with the information below, to ccc-nominations@cra.org by 11:59pm EST on Friday, February 10, 2023. The subcommittee's recommendations will serve as input to the CRA Board and NSF, who will make the final selection.

Please include:

- Name, affiliation, and email address of the nominee.
- Areas of research expertise.
- Previous significant service to the research community and other relevant experience, with years it occurred (no more than *five* items).
- A curriculum vitae of the nominee (link to webpage is fine).
- A few sentences about why this candidate would be a great addition to the Council and complement its current membership.
- The names and contact information (email and phone) for 2-3 people who would be knowledgeable about the nominee's potential for such a service role.

Please note that in order to represent the community and provide a breadth of knowledge and backgrounds, CCC selects new Council members from institutions different from those of continuing council members.

If you submitted a nomination within the past three years and believe the nominee would still be a good fit, please let us know along with any updates you consider relevant. We will include new information received when reviewing past nominations.

If you have any questions, please direct them to CCC Director Ann Schwartz (aschwartz@cra.org).



CCC's 2022 Highlights

By Maddy Hunter, CCC Program Associate

The CCC would like to give a special thanks to everyone from the community for their support and participation over the past year. We accomplished a lot of important work in 2022, including getting back to in-person events. Our accomplishments could not have been done without our community volunteers and participants. Please see some of CCC's highlights from 2022 below or on the [CCC webpage](#).

Workshop Reports

- [Meta Hybrid Report](#) - March 2022
- [From the 2021 The CCC Hybrid Workshop on Best Practices for Hybrid Workshops](#)

White Papers

- [Research Opportunities in Evidence-Based Elections](#)

Blogs

- [Building Resilience to Climate Driven Extreme Events with Computing Innovations: A Convergence Accelerator Workshop](#)
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- [CCC's Response to RFI on Federal Video and Image Analytics Research and Development Action Plan](#)
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- [CCC's Response to RFI for Evaluating and Improving NIST Cybersecurity Resources: The Cybersecurity Framework and Cybersecurity Supply Chain Risk Management](#)
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CI Fellow Richard Canevez on the Ukraine Crisis and Expressions of Dissent through Social Informatics

By Richard Canevez, CI Fellow



The following is a guest post from CI Fellow Richard Canevez. Canevez began his CI Fellowship in 2020 after receiving his PhD from Pennsylvania State University. He is currently at the University of Hawaii at Manoa where he is mentored by Jenifer Sunrise Winter.

When Computing Community Consortium (CCC) approached me to put together a blog post about the evolution of my research, I was excited for the opportunity, but also apprehensive about the topic. This is, on the one hand, writing about the research funded by CCC through the CI Fellows program that I hope will serve as more than a mere status report and instead provide thoughts and guidance for future CI Fellows postdocs, however vague the thoughts and guidance may be. On the other hand, it is not just my story, but a story collectively told across multiple scholars and nations about war, resilience, and the scholarship and scholars' place within the geo-political milieu.

The original research proposal that the CI Fellows postdoctoral program offered to fund (and for which I am and always will be profoundly grateful) was technology use (e.g., digital) by nonviolent activists: *How are nonviolent activists using technology to help produce justice? How can these practices be enhanced?* For the first year of my fellowship, I plumbed the various angles of social conflict and justice from a technological perspective. It was a very productive time where I studied social media narratives on racial justice^{[1][2]} and the technologization of peace^{[3][4]}, out of which I developed the notion of “conflict informatics” based on principles of social informatics and the defining features of inter-personal, inter-group conflict.

The events of February 24th jarred the core of my scholarly identity into a previously unknown. Our information rich digital media environment, the focus of my research, provided a window into Russia's renewed invasion of Ukraine. Russian tanks and soldiers streamed over the border into Ukraine in digital HD. Ironic in that the images and video, while represented via 21st century means, felt ripped straight from World War II.

Many things drive a scholar's trajectory. Whether it's a desire to build a theory or squeeze just a little more efficiency out of an algorithm, we're always figuring and refiguring our direction in light of that goal. For me, my desire to *do something, do anything*, revealed what was at the core of my interest: it was never *really* about nonviolence. It is, and always, was about *justice* and what we are willing and capable of doing to get it. Nonviolence was just a gateway into the complex world of resistance.

It is here that my scholarly trajectory intersects with Kateryna Maikovska. Kateryna is a graduate student at a university in Western Europe. Kateryna is also Ukrainian, with family in Kyiv. Kateryna's experience of the war is not an abstraction or a mere digital representation, but an existential and material threat to them and their loved ones.

Kateryna became directly involved in resistance activities through volunteer work:

“I participated in demonstrations and volunteered at the train station and other volunteer centers as well as online. These experiences shape and inform my perception of the war. The personal stories I hear shed light on the complexity and diversity of war-related experiences.”



Richard Canevez (*continued*)

Action, infused with a nascent scholarly identity, portended a shift in trajectory for Kateryna as well: “I had to reconsider my mission as a scholar, and what I saw as important research questions.” Interests in the contestation of memory between Ukraine, Belarus, and Russia transitioned to connective action and how individuals unite to directly resist oppression.

Together, we are pulling at the threads of resistance, and how pro-Ukrainian supporters around the world are participating in war in increasingly sophisticated and integrated ways via digital means. Telegram, for all its faults (particularly in the United States as a place for right-wing extremists to coordinate and mobilize), rises as a space (and, to socio-technical theorists, an agent) of resistance enabled by its privacy-first ethos, for better or for worse. Simple to use but fully featured as a social media platform, we observed sophisticated messaging and technical tools developed and deployed through coordinated actions between both state and grassroots initiatives.

Such is the all-encompassing nature of hybrid war in the 21st century. It spans societal sectors and digital-material spaces in a way that challenges traditional conceptions of frontlines, and even who qualifies as a soldier.

Of course, being both a scholar and at the center of a hot topic lends Kateryna well-rounded perspective that the attention to the Russia-Ukraine war brings. In her eyes, there is hope that it will motivate journalists and scholars to listen for and hear the Ukrainian voice, which stands in contrast to the problematic practice of assigning the voice of Ukraine (and Eastern Europe more broadly) to Russian perspectives, implicitly furthering Soviet colonial logic. At the same time, it also emphasizes to her that researchers and journalists, motivated by professional ambitions alongside legitimate interest in supporting that voice, lose sight of these very people and become impatient or disrespectful.

With the holiday season upon us, it is valuable to take a step back and re-frame our scholarship or inquiry, whatever it may be, in a human-centric perspective. Thanks in no small part to the CI Fellows program, I will be a tenure-track professor in a few short weeks. I will enjoy the comforts of an academic life (the impending tenure-push notwithstanding) that provides space for curiosity. However, for some, theoretical, abstract quandaries like “colonialism” are not abstractions, but material realities brought forth through guns, bombs, tanks, and soldiers, coordinated alongside a burgeoning digital war-space (a shared experience over time with Indigenous peoples, no doubt).

Kateryna pointed out to me that in the Vernadsky National Library of Ukraine in Kyiv is a fresco that symbolizes the main objective of science: *to preserve life on earth*. This season is an opportunity to be both grateful for what we are gifted, and to consider where our work fits within this noblest of goals.

^[1] Canevez, R., Karabelnik, M., Winter, J.S. (2022). Police Brutality and Racial Justice Narratives through Multi-Narrative Framing: Reporting and Commenting on the George Floyd Murder on YouTube. *Journal of Mass Communication Quarterly* (JMCQ) – Special Issue.

^[2] Canevez, R., Karabelnik, M., Winter, J.S. (2021). Media Mistrust and the Meta-Frame: Collective Framing of Police Brutality Evidence Reporting on YouTube. In *The Annual Conference of the Association for Education in Journalism and Mass Communication* (AEJMC). (pp. 1-30). New Orleans, LA, USA.

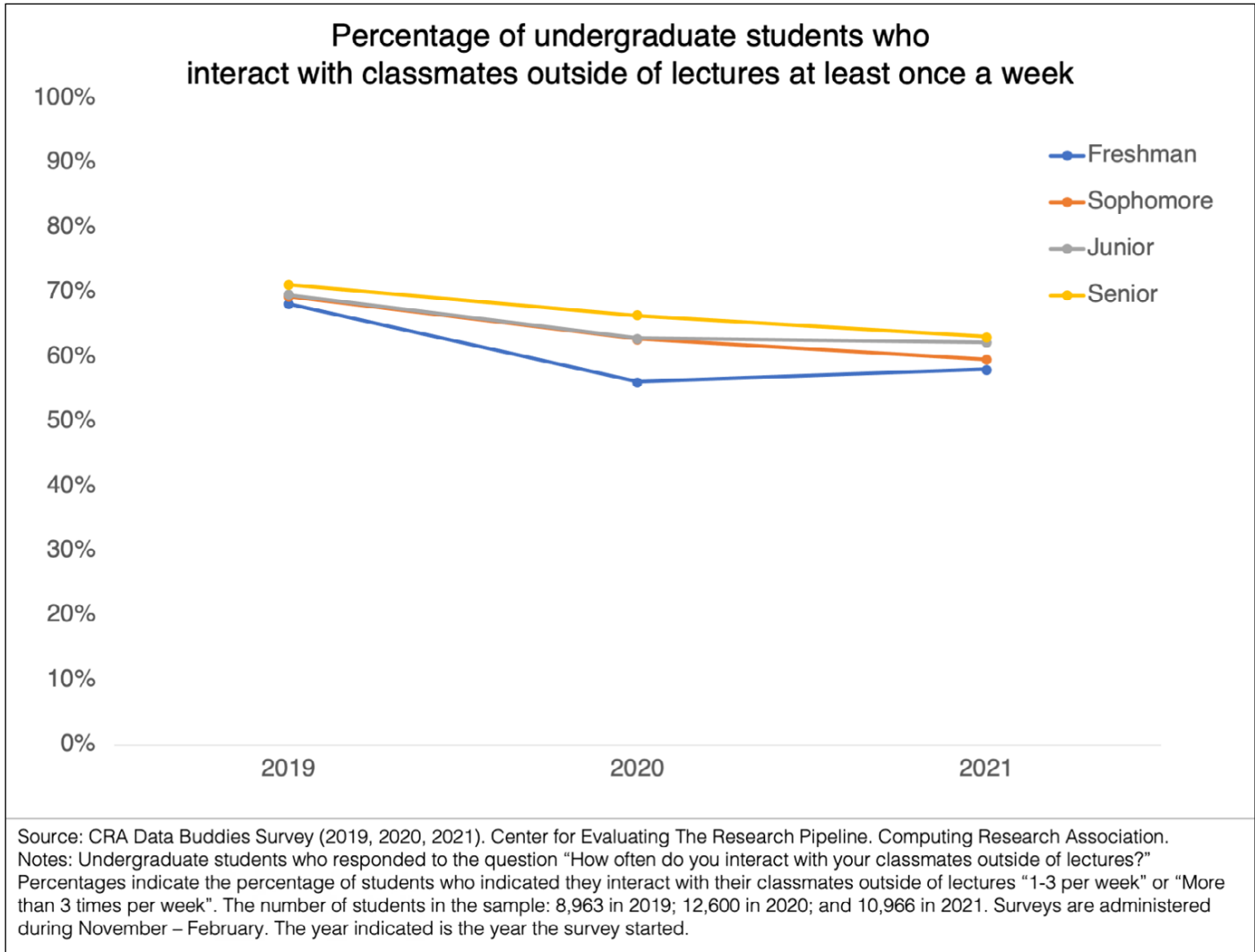
^[3] Canevez, R., Bock, J. G., & Winter, J. S. (2022). Leveraging Social Media and Digital Technologies for Violence Detection: The Distributed Cognitive System of Remote Support Monitors. In *The NCA 108th Annual Convention*. New Orleans, LA.

^[4] Canevez, R., & Winter, J. S. (2022). Peace Teams in the Protest-Repression Nexus: A Sociomaterial Perspective of De-escalatory Tactics. In *The 55th Annual Hawaii International Conference on System Sciences* (HICSS-55) (pp. 1-10). Honolulu, HI.

Freshman Experienced the Highest Decline in Frequency of Interactions with Classmates Outside of Class During COVID Pandemic



By Burçin Tamer, Director of CERP



The COVID-19 pandemic impacted many facets of our lives collectively. One of the changes that took place was the sudden switch to fully virtual education at all levels. This switch brought many challenges with it. Included in those challenges were those related to the social aspects of attending school. This graphic, based on the annual CRA Data Buddies Survey (DBS), provides a snapshot of the level of interaction undergraduate students in computing fields reported having with their classmates in the years 2019, 2020, and 2021. The results indicate that students interacted with their classmates less frequently after the pandemic, and the change was more drastic for students who were earlier on in their academic program.

Specifically, it shows the percentage of students who reported having interactions with their classmates outside of lectures at least once a week. Data are presented by academic class standing since it is possible that students who were already in an academic program prior to the pandemic would have formed connections with their classmates making it easier for them to adapt to the



Freshman Interactions *(continued)*

virtual context and continue those interactions with their peers. DBS 2019 started in November 2019 and closed in February 2020 shortly before the nationwide pandemic shutdowns started in the United States.

The analysis shows that, on average, 68 – 71% of undergraduate students at levels of academic class standing reported interacting with their classmates outside of lectures at least once a week pre-pandemic. Unsurprisingly, this percentage declined for all students with larger drops observed for students who were earlier on in their academic program. Only 56% of freshman reported once a week or more frequent interactions with their classmates in 2020, and this number remained about the same in 2021 (58%). For seniors, the percentage decreases from 71% in 2019 to 66% in 2020, and 63% in 2021.

Notes:

- Data presented here is for undergraduate students who responded to the question “How often do you interact with your classmates outside of lectures?” Percentages indicate the percentage of students who indicated they interact with their classmates outside of lectures “1-3 per week” or “More than 3 times per week”.
- The number of students in the sample:
 - » DBS 2019: 8,963 (Freshman: 2,006; Sophomore: 2,377; Junior: 2,489; Senior: 2,091); DBS 2020: 12,600 (Freshman: 2,708; Sophomore: 3,324; Junior: 3,746; Senior: 2,822); DBS 2021: 10,966 (Freshman: 2,905; Sophomore: 2,849; Junior: 3,019; Senior: 2,193)
- Surveys are administered during November – February. The year indicated is the year the survey started.
- Two-proportion comparisons between the years within each academic class indicate that all changes except the slight increase for freshmen in 2021 and slight decrease for juniors in 2021 were statistically significant at the 95% confidence level.

This analysis is brought to you by the CRA's Center for Evaluating the Research Pipeline (CERP). CERP provides social science research and comparative evaluation for the computing community. Subscribe to the CERP newsletter [here](#). Check out CERP's activities and find out how to engage on [CERP's website](#).

This material is based upon work supported by the National Science Foundation under Grant Number (DUE 1821136). Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.

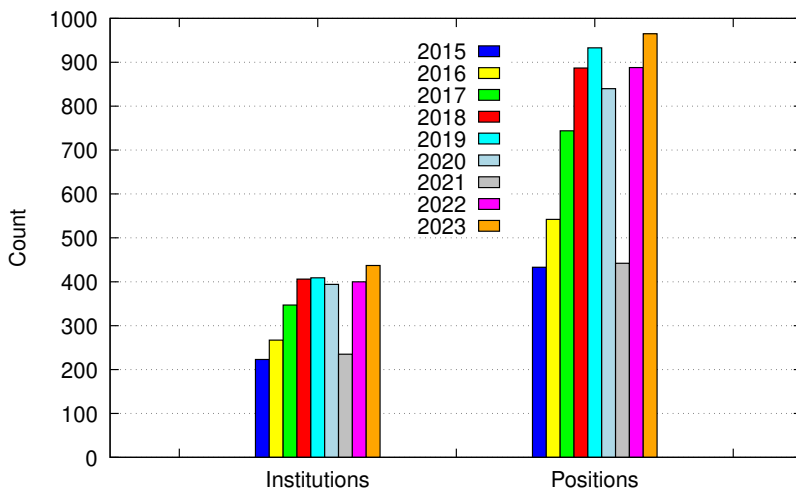
Analysis of Current and Future Computer Science Needs via Advertised Faculty Searches for 2023



By Craig E. Wills, Worcester Polytechnic Institute

This work uses the same methodology [applied over nine years](#) to study where Computer Science departments are choosing to invest faculty positions using data obtained from advertised tenure-track searches for the current hiring season. While the number of and areas for faculty searches does not necessarily translate into the same for faculty hires, we believe that they provide insight into current and future needs within the discipline. The full report is available at:

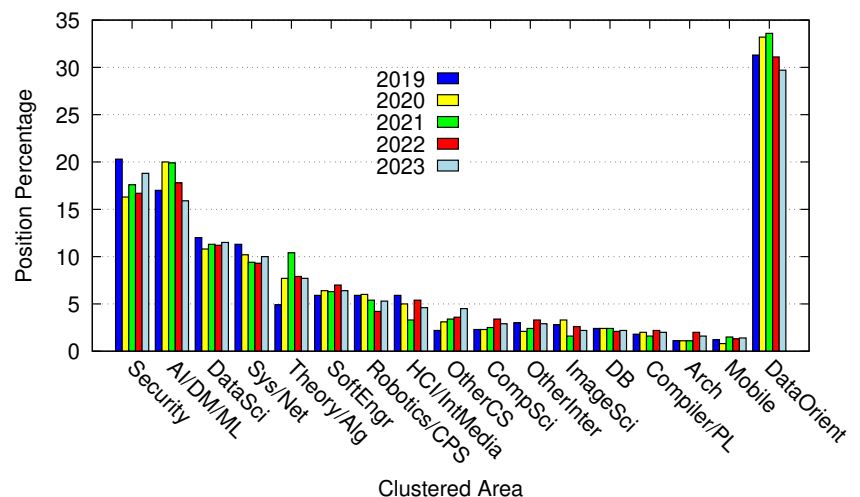
<https://web.cs.wpi.edu/~cew/papers/CSareas23.pdf>



We analyzed ads from 437 institutions seeking to fill close to 1,000 tenure-track faculty positions in Computer Science. The number of institutions is a 9% increase from last year at this time (mid-November) and is the highest number of institutions searching in the nine years of this study. The previous high was 409 for hires to begin in 2019. The number of tenure-track positions sought is up 9% from last year and also at a nine-year high. The number of BS/BA institutions seeking faculty is at a nine-year high with top PhD and private PhD institutions at nine-year highs in the number of positions being sought.

We clustered the specific Computer Science topics mentioned in ads into 16 areas. In terms of specific areas, we found that the clustered area of Security accounts for the most with 19% of all sought positions with AI/Data Mining/Machine Learning dropping to second at 18%. The area of Data Science is at 12% of positions, but aggregating the Data Science, AI/DM/ML and Databases clusters results in 30% of all hires sought in these data-oriented areas, which is a bit lower than previous years. The area of Systems/Networking was fourth in the percentage (10%) of positions sought.

Differences are also seen when analyzing results based on the type of institution. As was the case last year, positions in the clustered area of AI/Data Mining/Machine Learning have the highest percentages for PhD institutions. Again, positions related to Security have the highest percentages for MS and BS/BA institutions. Security is the second-most sought area for PhD institutions while AI/Data Mining/Machine Learning is the second-most sought area for MS and Systems/Networking for BS/BA institutions.



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Expanding the Pipeline
Soha Hassoun, Tufts University
Patty Lopez, New Mexico State University

Arcadia University

*Assistant Professor of Computer Science,
Tenure-Track*

Arcadia University's College of Arts and Sciences invites applications for a tenure track Assistant Professorship in Computer Science starting September 2023.

Interested candidates should apply online at <https://arcadia.isolvedhire.com/jobs/736011.html>

Consideration of applications will begin on January 15, 2023 and will continue until the position is filled.

Arizona State University

*Teaching Assistant Professor,
Applied Computing*

Teaching Assistant Professor Positions of Applied Computing, School of Mathematical and Natural Sciences, Arizona State University. The school is seeking two full time, benefits eligible positions in Applied Computing at the Teaching Assistant Professor level beginning August 2023. The school embraces the ideal of a fully inclusive and welcoming STEM community and seek candidates who will create a climate that attracts and supports the success of students of all races, nationalities and genders.

For complete qualification/application information, see <http://apply.interfolio.com/116545>.

Application deadline is December 23, 2022.

Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer.

Arizona State University

*Two Positions: Assistant/Associate
Professor of Psychology*

The School of Social and Behavioral Sciences at Arizona State University is seeking TWO full-time, benefits-eligible faculty at the tenure-track Assistant or Associate Professor of Psychology levels.

We are seeking applicants whose work will complement and expand upon our group's broad goals of using computational and data science methods to tackle real-world problems within the social and cognitive sciences. Applicants must demonstrate capability of publishing in disciplinary journals in psychology and cognitive science.

For complete qualification/application information, see <https://apply.interfolio.com/114825>.

Auburn University

*Department of Computer Science and
Software Engineering*

Multiple Faculty Positions

The Department of Computer Science and Software Engineering (CSSE), situated within the Samuel Ginn College of Engineering, invites applications for multiple tenure-track faculty positions. We seek candidates at the Assistant Professor level, although outstanding candidates at a senior level will also be considered. Salary will be commensurate with the candidate's qualifications. Responsibilities include research, graduate student supervision, graduate and undergraduate teaching, and service.

A PhD degree in computer science, software engineering, or a closely related field must be completed by the start of appointment. Applicants must have the potential to develop a vigorous externally funded research program and a commitment to teaching.

Applications from candidates with expertise in any area of computer science will be considered. However, our focus areas are **Artificial Intelligence** with emphasis on Machine Learning, Computer Vision, and Natural Language Processing, **Computer Security & Privacy**, and **Software Engineering**. *We welcome applications from women, couples, and those belonging to underrepresented groups in computer science.*

CSSE is home to the Auburn Cyber Research Center (<http://cyber.auburn.edu>), and is affiliated with the McCrary Institute for Cyber and Critical Infrastructure Security (<http://mccrary.auburn.edu>). The department currently has a diverse and international tenure track, teaching, and research faculty of over thirty, who support a dynamic research enterprise and strong undergraduate and graduate programs (MS in CSSE, MS in Cybersecurity Engineering, MS in Data Science & Engineering, and PhD in CSSE). Current student enrollment is 1400+ undergraduate and 200+ graduate (including 100+ PhD) students. Further information may be found at the department's home page <http://www.eng.auburn.edu/csse>.

CSSE is the highest ranked department in the State of Alabama, ranked fourth among SEC schools, 45th among departments at public universities, and

among the top 15% of computer science departments nationwide according to the latest US News and World Report rankings. It was one of the first computer science departments in the country to offer an ABET accredited undergraduate degree in software engineering. Auburn University is one of the nation's premier public land, sea, and space-grant institutions. As a comprehensive Carnegie RI research university, Auburn maintains high levels of research activity as well as high standards for teaching excellence, offering Bachelor's, Master's, Educational Specialist, and Doctor's degrees in agriculture and engineering, the professions, and the arts and sciences. The university is nationally recognized for its commitment to academic excellence, its positive work environment, its student engagement, and its beautiful campus.

Auburn residents enjoy a thriving community, recognized as one of the "best small towns in America," with moderate climate and easy access to major cities and to beach and mountain recreational facilities. Situated along the rapidly developing I-85 corridor between Atlanta (GA) and Montgomery (AL), the combined Auburn-Opelika-Columbus statistical area has a population of over 500,000, with excellent public school systems and regional medical centers. Several large and medium-sized industries and six other universities are located within driving distance of Auburn, providing job opportunities to faculty spouses. More information on faculty and community life at Auburn may be found at <http://www.auburn.edu/academic/provost/facultyjobs/>.

Applicants should submit a cover letter (including mention of how they can contribute to diverse and inclusive excellence within the department), curriculum vitae, research vision, teaching philosophy, graduate transcripts, and names of three references at <https://www.auemployment.com/postings/33427>.

There is no application deadline. The application review process will begin December 1, 2022 and continue until successful candidates are identified.

Successful candidates must meet eligibility requirements for work in the United States at the time the appointment is scheduled to begin and continue working legally for the term of employment.

Auburn University is understanding of and sensitive to the family needs of faculty, including dual career couples: <https://www.auburn.edu/academic/provost/pdf/guidelines-dual-career-services.pdf>.

Auburn University is an EEO/Vet/Disability Employer committed to building an inclusive and diverse community.

Bates College

Assistant Professor of Mathematics

The Bates College Mathematics Department invites applications for an Assistant Professor, beginning August 2023. We seek candidates whose work involves statistics and analysis of environmental data. Candidates with demonstrated success in teaching and/or supporting marginalized, first generation and historically

underrepresented students are especially encouraged to apply.

Candidates should show promise of excellence and innovation in both teaching and scholarship.

Candidates should have completed their Ph.D. in statistics, mathematical sciences, data science, environmental science, or a related field by August 1st, 2023. They should be prepared to teach introductory and advanced courses and connections to other disciplines are expected, including teaching cross-listed courses and advising theses.

FMI and to apply, please visit: <http://apply.interfolio.com/117541>.

Binghamton University

Lecturer, Computer Science

The Computer Science Department at Binghamton University invites applications for two full-time lecturer positions to contribute to the newly established Master of Science in Information Systems program. One position can start in January 2023 and the second position will start in August 2023. The successful candidate will teach required and elective graduate courses in the Information Systems program. Courses will focus on Applied Data Science, Cybersecurity, and Web-Based Information Systems.

Applicants with a Ph.D. degree in Information Systems, Computer Science, or a related field by appointment date, are strongly preferred. Applicants with a

master's degree, along with significant industrial experience in Information Systems, Computer Science, or a closely related field, with additional professional certifications, will also be considered. Applicants must demonstrate the ability to teach effectively.

Further details and application information are available at: <https://www.interviewexchange.com/jobofferdetails.jsp?JOBID=155355>.

Applications will be reviewed until the positions are filled.

Binghamton University is an Equal Opportunity/Affirmative Action/Disability/Veterans Employer.

Binghamton University-SUNY

Empire Innovation Professor (Associate Professor-Healthcare AI)

The Thomas J. Watson College of Engineering and Applied Science at Binghamton University invites applications for the "SUNY Empire Innovation Associate Professor" position in "Artificial Intelligence and Machine Learning for Health Sciences, Systems, and Outcomes", with a start date of Fall 2023. We invite outstanding researchers with proven research leadership, strong record of securing external funding and excellent record of scholarship to apply. The successful candidate will join a team of exceptional researchers at Watson College and will have a direct role in the growth of the University's research and education programs in AI and Healthcare.

Underrepresented minorities, women, persons with disabilities and veterans are strongly encouraged to apply.

For more details and to apply, visit this link - <https://binghamton.interviewexchange.com/jobofferdetails.jsp?JOBID=155346>

Bishop's University

Computer Science - Tenure-track position - Assistant Professor

The Department of Computer Science at Bishop's University invites applications for a full-time **tenure-track faculty position in Fall 2023 at the Assistant Professor level** in all areas of Computer Science, especially Data Science, Artificial Intelligence or Cybersecurity, beginning July 1, 2023. The successful candidate must possess a PhD, an active research program in the area of study, and have a demonstrated ability to teach at both the undergraduate and graduate levels with a potential for program development. More information about Bishop's University and the Department of Computer Science can be found at www.ubishops.ca

Bishop's University is a primarily undergraduate institution with a strong emphasis on dynamic and effective teaching, experiential learning, and research and knowledge mobilization. Located in the beautiful Eastern Townships just southeast of Montreal, our riverside campus has a growing and vibrant research culture, cohesive community, small class sizes, collegial faculty and staff, and is rated first in the country on student satisfaction.

Bishop's University observes an equal access employment in public bodies for women, visible minorities, ethnic minorities, Indigenous people, and disabled people (including the possibility of accommodation during the selection process). Candidates who anticipate needing accommodation for any part of the process may contact Human Resources at HR@ubishops.ca. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents, but all qualified candidates are encouraged to apply.

Given the current situation with the COVID-19 pandemic, applicants must be prepared to teach fully or partially online.

Application packages, including a cover letter, curriculum vitae, statement of research achievements and future objectives, evidence of teaching effectiveness, and three letters of reference, must be sent by email as **one PDF file** to Ms. Nanci Chagnon, Bishop's University, 2600 rue College, Sherbrooke QC J1M 1Z7, nchagnon@ubishops.ca by **January 15th, 2023**.

Bishop's University is located on the traditional and unceded territory of the Abenaki people.

Boston College

Tenure Track Faculty Positions in Computer Science

The Computer Science Department of Boston College seeks to fill two tenure-track positions beginning in the 2023-2024 academic year. Rank is open. Successful

candidates for these positions will be expected to develop or currently possess strong research programs that can attract external funding, in an environment that also values high-quality undergraduate teaching. Outstanding candidates in all areas of Computer Science will be considered. For one of the positions, a preference may be shown toward those who can enhance existing departmental strengths in Artificial Intelligence with applications to the Sciences, and in the mathematical foundations of Computer Science. A Ph.D in Computer Science or a closely related discipline is required.

Application review is ongoing.

Applicants should submit a cover letter, a detailed CV, and teaching and research statements, and should arrange for three confidential letters of recommendation to be uploaded directly to Interfolio.

To apply go to: <http://apply.interfolio.com/113772>.

Boston College conducts background checks as part of the hiring process and requires all its employees to be fully vaccinated and boosted for COVID-19. Information about the University and our department is available at bc.edu and cs.bc.edu. Boston College is a Jesuit, Catholic university that strives to integrate research excellence with a foundational commitment to formative liberal arts education. We encourage applicants from candidates who are committed to fostering a diverse and inclusive academic community. Boston College is an affirmative action/equal opportunity employer.

Boston University

Assistant Professor

The Department of Computer Science at Boston University invites applications for two tenure-track assistant professorships beginning July 1, 2023. Strong applicants in all areas of computer science are encouraged to apply. Qualifications required of all applicants include a Ph.D. in Computer Science or a related discipline, a strong research record, and a commitment to teaching at the undergraduate and graduate levels.

The Department consists of a diverse group of 33 tenured and tenure-track faculty members, and offers programs leading to B.A., M.S., and Ph.D. degrees. The Department has research strengths in data mining, databases, graphics, image and video computing, machine learning, natural language processing, networking, distributed systems, operating systems, software design and implementation, real-time systems, security and cryptography, and theory of computation and algorithms. In addition, members of the Department collaborate closely with faculty across the university including mathematics and statistics, computer engineering, mechanical engineering, biology, earth and environment, economics, law, medicine, among others. The Department is committed to a diverse and inclusive environment, and it encourages applications from women and underrepresented minorities. All candidates are encouraged to demonstrate throughout their application their attention to diversity and inclusion as these topics relate to teaching,

research, and engagement within the academic environment.

Please submit the following items: cover letter; curriculum vitae; research statement; teaching statement; up to three sample publications; and three reference letters (to be submitted online by the reference writers at this site. Complete applications, with three reference letters, must be received by December 2, 2022, to guarantee full consideration; however, the review of applications will continue on a rolling basis until April 14, 2023. Additional information about the Department is available at <http://www.bu.edu/cs>.

Qualified applicants should apply at <https://academicjobsonline.org/ajojobs/23031>. Applicants working on foundational, methodological, or use-inspired AI research are encouraged to apply to the BU AI cluster hiring initiative faculty searches at <https://academicjobsonline.org/ajojobs/22966>.

Boston University expects excellence in teaching and in research and is committed to building a culturally, racially, and ethnically diverse scholarly community (<https://www.bu.edu/info/about/diversity/>). Boston University is an AAU institution with a rich tradition dedicated to inclusion and social justice. We are proud that we were the first American university to award a Ph.D. to a woman and of our record of inclusiveness. The College of Arts and Science includes diversity as one of five strategic goals. We are dedicated to increasing the participation of all talented students and are committed to the pursuit of Computer

Science by underrepresented groups at BU and beyond (<https://www.bu.edu/cs/people/diversity/>). We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law. We are a VEVRRA Federal Contractor.

Boston University

Tenured and tenure-track assistant and associate professor positions

Boston University invites applications for several faculty positions at the associate (tenured) and assistant (tenure-track) levels as part of a 3-year cluster hiring initiative covering foundational, methodological, and use-inspired dimensions of Artificial Intelligence (AI). Led by the Faculty of Computing & Data Sciences, this initiative is pursued in collaboration with the departments of Computer Science (CS), Electrical & Computer Engineering (ECE), and Mathematics & Statistics (Math/Stats). Qualifications required of all applicants include a PhD in any of the disciplines that span computing and data sciences; a strong record of research; a demonstrated capacity for interdisciplinary collaboration; and a commitment to innovative teaching at undergraduate and graduate levels.

Founded in 2019, the Faculty of Computing & Data Sciences (CDS) at Boston University (BU) is a university-wide, degree-granting academic unit that augments and

complements the traditional cognate disciplines of computer science, computer engineering, and statistics by laying the foundation for innovation-driven, civic-minded computing to maximize the real-world impact of its research, curricular, and co-curricular programs. Supporting its undergraduate and PhD programs, CDS has 11 core faculty members and 32 secondary and affiliated faculty members who are drawn from across the landscape of disciplines at BU. CDS is housed in the top five floors of an iconic 19-story building with a convention-bending design that also houses the CS and Math departments, the Hariri Institute for Computing, and state-of-the-art classrooms, labs, and collaboration spaces. Additional information about the computing landscape at BU is available at: <https://www.bu.edu/cds-faculty/explore/>.

BU expects excellence in teaching and in research, and is committed to building a culturally, racially, and ethnically diverse scholarly community, which is essential to its mission. BU is an AAU institution with a rich tradition of inclusion and social justice. We are proud of our record, including being the first American university to award a PhD to a woman and the university from which Martin Luther King Jr. received his PhD. We are dedicated to increasing participation of all talented students, especially women and other underrepresented groups in Computing and Data Sciences.

All candidates pursuing research at the nexus of computing and data sciences will be considered. Candidates from underrepresented groups and candidates working in one or more of the following

dimensions of Data Science, Machine Learning, and AI are encouraged to apply:

Foundations. Foundational research in the theoretical underpinnings of AI methodologies at the nexus of algorithms, logic, information theory, optimization, and statistics, including the exploration of connections between machine learning and topics such as causal inference, uncertainty quantification, and statistical physics.

Methods. General purpose supervised, unsupervised, and reinforcement machine learning methods and platforms of broad applicability, including Deep Neural Networks, Federated Learning, Natural Language Processing, Large Language Models, Multimodal Machine Learning, and Artificial General Intelligence.

Use-Inspired. Research in data science, machine learning and AI, which is inspired by and/or address unique challenges in domains beyond computing and IT, including scientific machine learning, analysis of complex systems, cognitive neuroscience, sociotechnical platforms, AI-driven decision systems, Explainable AI, and Human Computer Interaction.

Qualified faculty candidates are invited to submit their applications through the search web portal at <https://academicjobsonline.org/ajol/jobs/22966>. Consideration and review of applications for appointment in one of the academic units participating in this initiative for this year (CDS, CS, and Math/Stats) will start on November 1, 2022 and will continue on a rolling basis until April 15, 2023.

BU is an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law. We are a VEVRAA Federal Contractor.

Boston University

Teaching Faculty

The Department of Electrical and Computer Engineering at Boston University invites applications for an anticipated teaching position beginning the fall term of 2023. This non-tenure track position will be at the level of Instructor, Lecturer or possibly a Professor of Practice. Interested candidates should be committed to delivering excellent courses at all levels in Electrical and Computer Engineering. Particular areas of need are introductory programming, software engineering, operating systems, networks and algorithms, and senior design. Applicants for the position must have a Ph.D. in Electrical Engineering, Computer Engineering, Computer Science, or related field. Ideal candidates will have a track record of excellence in teaching. Salary will be provided for the 9-month academic year. Possibilities of support in the summer include summer classes, and various outreach programs. Instructional faculty in the Electrical and Computer Engineering department are expected to teach multiple courses per year (typically at least four) with multiple sections of the same

course counting towards that total. These positions come with full benefits. ECE at BU is a world-class department with excellent resources that is steadily gaining national and international prominence for its exceptional research and education record. ECE is part of BU's rapidly growing and innovative College of Engineering, and currently consists of 47 faculty members, 325 graduate students, and 350 BS majors. Beyond its research and academic activities, BU has a lively, urban campus situated along the banks of the Charles River in Boston's historic Fenway-Kenmore neighborhood. The campus and surrounding areas offer limitless opportunities for recreational activities, from world-class art and performances to sporting events and fine dining.

For more information, please visit: <https://academicjobsonline.org/ajo/jobs/22229>.

Application deadline is December 31, 2022.

Boston University is an Equal Opportunity/Affirmative Action Employer. Boston University is an AAU institution with a rich tradition dedicated to inclusion and social justice and a commitment to broadening participation of underrepresented groups in engineering. We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law. We are a VEVRAA Federal Contractor.

Bradley University

Department of Computer Science and Information Systems

Tenure-Track Assistant Professor/Lecturer

The Department of Computer Science and Information Systems (CS&IS) at Bradley University is expanding rapidly and invites applications for multiple tenure-track Assistant Professors/Lecturers to begin in August 2023.

The department currently consists of 14 tenured/tenure-track faculty members. There are BS and MS degree programs in both Computer Science and Computer Information Systems with multiple concentrations.

For more information and to apply for this position, please click on the link below:

https://workforcenow.adp.com/mascsr/default/mdf/recruitment/recruitment.html?cid=df6f93d4-2277-4999-ac63-88a55668ffd3&cclid=9200110706773_2&jobId=458218&lang=en_US&source=EN

Brown University

Postdoctoral Research Associate in Data Science

The Data Science Initiative at Brown University (dsi.brown.edu) seeks applications for one-year renewable postdoctoral fellowship positions in the area of data science with a start date of July 1, 2023 (flexible).

Brown's DSI is a growing, transdisciplinary, collaborative unit.

supporting research and education in data science across Brown's campus. DSI facilitates and conducts both domain-driven and fundamental research in data science, educates the next generation of data scientists, and explores the impact of the data revolution on culture, society, and social justice.

We seek candidates working in any area of data science, including (but not limited to) exploring geometry and topology of data, developing novel statistical methods and machine learning approaches for big massive data (e.g., genomics, environmental health, nutritional or geophysical data), analyzing massive graphs and networks, scientific machine learning, and others. Attention to the societal impacts of data science and issues of equity and social justice is desirable. Teaching opportunities are available but teaching is not required.

We will begin reading applications on January 1, 2023 and continue to review applications until the positions are filled. For full details and to apply, please see Interfolio. <http://apply.interfolio.com/115615>

Brown University

Lecturer in Computer Science

The Department of Computer Science at Brown University is seeking applicants for a faculty position at the rank of lecturer, senior lecturer, or distinguished senior lecturer.

The department strives to build a diverse and inclusive environment for

all members of our community, and is particularly interested in candidates whose experience, teaching, service, or scholarship can further these efforts. Our department's detailed vision and action plan for diversity fits within Brown's broader commitment to this work.

The position and program have several distinguishing characteristics:

1. While some of the teaching will be in first- and second-year courses, candidates will also teach some upper-level undergraduate courses, based on their expertise and department needs. Lecturers are expected to advise undergraduate research projects, and are welcome to participate in graduate research with the rest of the faculty. Lecturers with substantial research participation and supporting funds may be eligible for periodic course release.

2. Over the past few years, the department has begun to successfully roll out an initiative to embed socially-responsible computing content across our curriculum in a pioneering model. The initiative is supported by dedicated teaching assistant positions, a faculty coordinator, and an administrative coordinator. Though all faculty take responsibility for executing this vision, interested lecturers are in a particularly good position to shape and drive it.

3. The department has a strong undergraduate culture, anchored by a mature program for undergraduate teaching assistants (endowed at \$10 million), as well as a long history of top-caliber published undergraduate

research. All faculty therefore get to work closely with undergraduates in multiple capacities on a continuum from classroom to research.

The initial appointment would be for a 3-year period (renewable with potential for promotion and longer-term contracts). This position is part of a major expansion plan for the department as it is increasing its roster by 50% over the next few years. The position involves teaching four undergraduate courses per year, academic advising, and engaging with the department's intellectual culture. Lecturers participate fully in faculty meetings and department initiatives. The department values teaching and educational innovation, and welcomes candidates interested in formally researching computing education in the context of their teaching (though this is not a requirement).

Brown offers a vibrant community for both teaching and research, with 32 tenured and tenure-track faculty members, five lecturers (teaching faculty members), two research faculty and several affiliated, adjunct, and visiting faculty members. Research and graduate programs leverage disciplinary strengths in CS as well as Brown's broader interdisciplinary culture. CS is a founding partner in multiple university-wide initiatives including Data Science, Computational Molecular Biology, Human-Centered Robotics, and the currently-launching Center for Computing for the People.

Brown University is committed to fostering a diverse, inclusive, and global

academic community. As an EEO/AA employer, Brown considers applicants for employment without discrimination on the basis of gender, race, protected veteran status, disability, or any other legally protected status. The department is similarly committed to building a diverse faculty and strongly encourages women, underrepresented minorities and those who can contribute to the excellence, diversity, and inclusivity of our academic community. We ask the candidates to report any relevant experience, including work with diverse constituents, and plans in their applications.

Brown University is located in Providence, RI, close to Narragansett Bay, an hour from Boston and about three hours from New York City. Providence has been consistently rated among the Northeast's most livable cities and is home to diverse intellectual, artistic, and business communities.

The position is expected to start in the fall of 2023. In selecting candidates, we will consider quality and effectiveness of teaching, commitment to diversity and inclusion, and compatibility with the area needs and interests of the department, as well as potential for effective participation in department or university activities. For all applicants, we will consider potential for impact beyond Brown (through teaching, research, significant system building, outreach, or other professional activities, as appropriate for the candidate). Applicants must have a Ph.D. by the start of the position. Applicants must submit a cover letter, a CV, a teaching statement, a diversity statement (which can be included

in the teaching statement) and a research statement (or a statement describing other significant professional activities beyond classroom instruction). Candidates must also arrange for at least three letters of reference to be submitted through the application website.

To apply, please use Interfolio: <http://apply.interfolio.com/112787>.

Review will begin on November 1, 2022, but applications will be considered until the position is filled.

Inquiries may be addressed to: teaching-faculty-search_2023-request@lists.cs.brown.edu

Brown University

Tenure-track Faculty in Computer Science

The Department of Computer Science at Brown University is hiring multiple tenure-track faculty members at the level of Assistant Professor.

The department strives to build a diverse and inclusive environment for all members of our community, and is particularly interested in candidates whose experience, teaching, service, or scholarship can further these efforts. Our department's detailed vision and action plan for diversity fits within Brown's broader commitment to this work.

We are specifically interested in candidates whose research addresses:

- Computer systems (including distributed systems, networks, security, programming languages, and architecture)

- Human-computer interaction, including HCI+AI, and socially-responsible computing in HCI, especially explored through multiple methodologies
- Computer science education

Candidates not in these areas but with research in Data Science should apply to positions shown at <https://www.brown.edu/initiatives/data-science/about/jobs-dsi>; those with interests in cybersecurity, international relations, and policy should consider this position in the Watson Institute <https://apply.interfolio.com/110611>.

We will also consider candidates who have the potential to make exceptional contributions to diversity and inclusion in computer science. We are eager to try to accommodate the needs of, and welcome applications from, dual career couples.

These positions are a part of a major expansion plan for the department as it works to increase its faculty roster by close to 50% over a five-year period. While many of these positions will be used to strengthen and expand core CS areas, some will be used to build bridges with other campus disciplines to facilitate interdisciplinary research and teaching. As a part of our overall plan, we are also emphasizing socially responsible computing throughout our curriculum and research.

The department has 35 tenured and tenure-track faculty members, 2 research faculty members, 6 lecturers (teaching faculty members), and several affiliated adjunct and visiting faculty members. In addition to its strong graduate program, the department has a strong

Professional Opportunities

undergraduate culture, anchored by a mature, endowed program for undergraduate teaching assistants and research assistants. Department members frequently take advantage of Brown's interdisciplinary culture via collaborations with numerous other Brown units including Applied Mathematics, Biology, Brain Sciences, Cognitive Linguistic and Psychological Sciences, Economics, Engineering, Mathematics, Medicine, Public Health, Public Policy, and Visual Arts, as well as the Rhode Island School of Design. CS is a founding partner and plays key roles in major university-wide programs and initiatives including Data Science, Humanity Centered Robotics, Computational Molecular Biology, and the currently-launching Center for Computing for the People.

Brown University is committed to fostering a diverse, inclusive, and global academic community. As an EEO/AA employer, Brown considers applicants for employment without discrimination on the basis of gender, race, protected veteran status, disability, or any other legally protected status. The department is similarly committed to building a diverse faculty and strongly encourages women, underrepresented minorities and those who can contribute to the excellence, diversity, and inclusivity of our academic community. We ask the candidates to report any relevant experience, including work with diverse constituents, and plans in their applications.

Brown University is located in Providence, RI, 60 miles from Boston and about 180 miles from New York City, both

accessible via frequent rail service, and close to Narragansett Bay. Providence has been consistently rated among the Northeast's most livable cities and is home to diverse intellectual, artistic, and business communities.

Applicants must have completed all requirements for the doctoral degree by the start of the position. The initial appointment as assistant professor is for four years and is renewable. Applicants should submit a cover letter, a CV, a teaching statement, and a research statement. Please also provide a diversity statement (which can be part of the teaching statement), in which you summarize your past and planned contributions to diversity and inclusion. These contributions may arise from teaching/mentoring, outreach, lived experience, or other activities. Applicants should also arrange for at least three letters of reference to be submitted through the application website. (For additional information about the university's and department's commitment to diversity and inclusion, see www.brown.edu/about/administration/institutional-diversity/pathways and www.cs.brown.edu/about/diversity.)

Applications will be considered until the position(s) are filled but we strongly encourage the candidates to submit complete applications (including reference letters) by December 1, 2022 for full consideration. We will start application reviews and interviewing immediately and highly encourage early applications. Applicants who would like confidentiality should explicitly mention this desire in the first paragraph of their cover letters.

To apply, please use Interfolio: <http://apply.interfolio.com/115147>. Inquiries may be addressed to: faculty_search_2023@lists.cs.brown.edu

California State Polytechnic University, Pomona

Assistant Professor, Computer Science

The Computer Science department at California State Polytechnic University, Pomona invites applications for one tenure-track position at the rank of Assistant Professor beginning in the 2023-2024 academic year. We are interested in strong candidates with specialization in any area of Computer Science. Cal Poly



CAL POLY

**Search for the Founding Director,
The Noyce School of Applied Computing**

California Polytechnic State University in San Luis Obispo, CA, seeks a visionary and collaborative leader to serve as its Founding Director of The Noyce School of Applied Computing.

The successful candidate will have credentials appropriate for a tenured appointment at the rank of professor. For more details, including the full position profile and to submit inquiries, nominations, and applications, please see the Isaacson, Miller website here:

<https://apptrkr.com/3608341>

Pomona is 30 miles east of L.A. and is one of 23 campuses in the California State University. The department offers an ABET-accredited B.S. program and a strong M.S. program. Qualifications: Possess at the time of appointment, a Ph.D. in Computer Science or closely related area.

Demonstrate a commitment to actively engage in the teaching, research, and curricular development activities of the department at both undergraduate and graduate levels, and demonstrate a commitment to contribute, teach, and engage in a multicultural environment

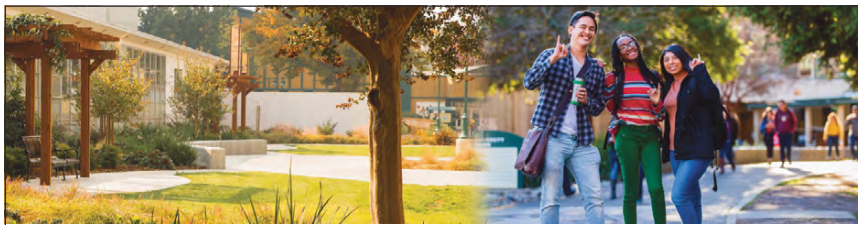
with a diverse student body (36% URM). Have an ability to teach a broad range of courses, and to articulate complex subject matter to students at all educational levels and backgrounds.

The application process also requires submission of a student success statement that demonstrates applicant's commitment and record of contributions through their teaching, scholarship, or service to at least two of the inclusive excellence criteria listed in the detailed position announcement and application found at <https://careers.pageuppeople.com/873/po/en-us/job/520533/computer-science-assistant-professor>.

First consideration will be given to completed applications received no later than December 11, 2022. Contact: Faculty Search Committee, Computer Science Department, Cal Poly Pomona, Pomona, CA 91768.

Email: cs@cpp.edu.

Lawful authorization to work in the US is required to gain an offer for employment. EOE/Minorities/Females/Vets/Disability.



California State University, Sacramento Department of Computer Science

Tenure Track Faculty - Computer Science 3 Positions

Three tenure-track assistant professor positions to begin with the Fall 2023 semester.

Applicants specializing in all areas of computer science will be considered. However, those with knowledge/skill in computer networks, operating systems, OR computer architecture/hardware are especially encouraged to apply as the department has an urgent need to meet student demand in these three particular areas.

Ph.D. in Computer Science, Computer Engineering, or closely related field required by the time of the appointment.

For detailed position information, including application procedure, please see: <https://apptrkr.com/3583628>

Screening will begin December 1, 2022, and remain open until filled.

Mandated reporter requirements.

Criminal background check will be required.

Clery Act statistics available.

AA/EEO employer.

California State University Northridge

Assistant Professor - Generalist (2 Positions) - Computer Science #23-16

The department of Computer Science at **California State University, Northridge (CSUN)** is seeking to hire two tenure-track faculty members at the rank of Assistant Professor with specialization in at least one of these fields: **Cloud Computing,**

Big Data Management, Cybersecurity, Operating Systems, Theoretical Computer Science, Algorithms, Computer Graphics, Virtual Reality/ Augmented Reality, Software Engineering, Database Systems.

The successful candidate will teach a variety of courses at both the undergraduate and graduate levels, conduct research, mentor undergraduate and graduate students, provide service to the University and Community, and preferably have research interests in at least one of the aforementioned specializations. In addition to teaching, the position requires weekly office hours, attending faculty meetings, and service to the department, college, and university.

The successful candidate will be held to the standards and requirements of the college and department in which he/she/they is/are housed for recommending tenure and promotion.

For further details: <https://careers.pageuppeople.com/873/nr/en-us/job/520754/assistant-professor-generalist-2-positions-computer-science-2316>

California State University, Northridge

Assistant Professor - Data Science - Computer Science #23-15

The department of **Computer Science at California State University, Northridge**

(CSUN) is seeking a tenure-track faculty member at the rank of assistant professor, with a specialization in data science. The successful candidate will teach primarily data science courses at both the undergraduate and graduate levels, conduct research, mentor undergraduate and graduate students, and provide service to the University and Community. In addition to teaching, the

position requires weekly office hours, attending faculty meetings, and service to the department, college, and university. The successful candidate will be held to the standards and requirements of the college and department in which he/she/they is/are housed for recommending tenure and promotion.

For further details: <https://careers.pageuppeople.com/873/nr/en-us/job/520807/assistant-professor-data-science-computer-science-2315>

Carnegie Mellon University (CMU) in Qatar

Faculty Position in Computer Science

Carnegie Mellon University in Qatar invites applications for a teaching-track faculty position at the assistant professor level in the field of Computer Science to begin in Fall 2023.

Review of complete applications will commence on November 01, 2022.

More information can be found at and applications can be submitted through Interfolio: <http://apply.interfolio.com/106158>

Carnegie Mellon University

Department of Electrical and Computer Engineering

Faculty Positions

The Department of Electrical and Computer Engineering (ECE) at Carnegie Mellon University is accepting applications from candidates for tenure-, research-,



Caltech

AI Bootcamp Leader

We are searching for a leader of the new AI Bootcamp program at Caltech (the ABC). The mission of the program is to ensure that every scientist at Caltech has access to efficient training in the most up-to-date AI methods that they need to pursue their science. The AI Bootcamp Leader will survey the needs of Caltech scientists, organize bootcamps experimenting with different formats (topics, number of days, bring-your-data, etc.) and organization styles (faculty speakers, graduate student tutorials, hands-on teaching, project-driven learning), and partner with tech companies who are developing AI tools to organize hands-on instruction. This is a three year term position.

We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to age, race, color, religion, sex, sexual orientation, gender identity, or national origin, disability status, protected veteran status, or any other characteristic protected by law. Caltech is a VEVRAA Federal Contractor.

To apply, visit <https://apptrkr.com/3708320>

and teaching-track positions at all ranks for our Pittsburgh campus. Positions are available in all areas of Electrical and Computer Engineering.

The ECE department and College of Engineering are ranked among the top programs in the United States, both at the undergraduate and graduate levels. We are an extremely collaborative department with ties to several multidisciplinary institutes and centers. We collaborate with colleagues around the world through a number of research and educational programs. We have world-class experimental and computing infrastructure, including state-of-the-art nanofabrication facilities.

Our mission is to be a creative driving force of the highest scholarly and entrepreneurial quality that will inspire and educate engineers to solve important societal challenges. The foundation of our collaborative research is based on a strong practice of inclusion. We take pride and active steps in considering a diverse applicant pool in terms of gender, race, veteran status, and disability. Carnegie Mellon University further seeks to meet the needs of dual-career couples and is a member of the Higher Education Recruitment Consortium (HERC) that assists with dual-career searches.

For all tracks, we are seeking individuals who hold a Ph.D. in a relevant discipline and have demonstrated commitment to our core values: creativity, quality, innovation, and engineering solutions.

- Tenure-track faculty carry a moderate teaching load that allows time for quality

research and close involvement with students. We expect Tenure-track faculty to establish and grow a strong research program, contribute to our teaching mission, and demonstrate a passion for mentoring and advising students.

- Research-track faculty are not required to teach but do so when it is mutually beneficial to the faculty and the department. Research-track faculty are compensated for both teaching and advising Ph.D. students. These faculty members primarily focus on developing leadership within one or more areas of research, forming research collaborations, and supervising Ph.D. students.
- Teaching-track faculty focus primarily on teaching but our curriculum includes research opportunities as well. Teaching-track faculty serve as a core part of our strategy for our undergraduate education and mentoring mission.

Apply here.

Applications must include a curriculum vitae, research, teaching, and diversity statements, and three to five letters of recommendation. Our application review process will begin on October 1, 2022. We will consider applications fitting our needs throughout the academic year. Carnegie Mellon is an EEO/Affirmative Action Employer -- M/F/Disability/Veteran.

Carnegie Mellon University

Teaching Track and Non-Tenure Track Faculty Position

The Information Networking Institute (<https://www.cmu.edu/ini/>) at Carnegie

Mellon University (CMU) (<https://www.cmu.edu/index.html>) is soliciting applications for faculty at all levels for CMU's main campus in Pittsburgh, PA, and Silicon Valley campus in Mountain View, CA. We are hiring non tenure-track faculty, primarily teaching-track.

We are seeking faculty candidates in our core technical areas of networking, security, mobile and IoT engineering, and artificial intelligence engineering, including but not limited to mobile computing, embedded systems, Internet of Things technologies, telecommunications, data analytics and machine learning, information security, software security, network security and cyber operations. Outstanding candidates in other areas related to networking, security, mobile and IoT engineering, and artificial intelligence engineering are encouraged to apply.

Apply: <https://apply.interfolio.com/114324>

Case Western Reserve University

Cleveland, Ohio

Faculty Positions in Department of Computer and Data Sciences

The Department of Computer and Data Sciences in the Case School of Engineering at Case Western Reserve University (CWRU) invites applications for a tenure-track faculty position.

This search prioritizes Assistant and Associate Professor candidates in Artificial Intelligence, Machine Learning, Data Science, Privacy and Security, and

related areas. However, we will consider exceptional candidates at all ranks and in all areas of Computer and Data Sciences. In addition to foundational research, candidates with collaborative research programs in applied areas of Computer and Data Sciences are encouraged to apply.

The Department of Computer and Data Sciences was formed in 2019 out of the Department of Electrical Engineering and Computer Science, with the vision that computing and data sciences will play a central role in interdisciplinary research and education throughout the university.

For more information and to submit an application, please visit <https://engineering.case.edu/computer-and-data-sciences/employment>

CWRU provides reasonable accommodations to applicants with disabilities. Applicants requiring a reasonable accommodation for any part of the application and hiring process should call 216- 368-3066.

Colby College

Postdoctoral Associate, Davis AI

The Davis Institute for AI at Colby College invites applications for a postdoctoral associate. For more information about all AI-related open positions at Colby College please see <https://artificial-intelligence.colby.edu>.

To apply to this position please see <http://apply.interfolio.com/115674>.

COLGATE UNIVERSITY



Application Integration Developer (Remote-Hybrid Flexibility)

Colgate University seeks a collaborative and creative developer to join the Services and Shared Infrastructure (SSI) team to help improve our application integrations and work on exciting development projects. Immediately after being hired, this position will be involved in helping Colgate select and implement an Integration Platform as a Service (iPaaS). Once trained on the selected iPaaS solution, this position will have the opportunity to work on integration projects with a variety of technologies, including Oracle and SQL Server databases, UiPath robotic process automation (RPA), OnBase workflow processing, and a range of software APIs. This position will also have the opportunity to become knowledgeable in Ellucian Banner, Blackbaud Raiser's Edge NXT, Slate Admission and other third-party SaaS and on-premise software applications by building and supporting integrations.

Specific accountabilities include but are not limited to:

- Primary staff member responsible for supporting and maintaining Colgate iPaaS solution.
- Research, recommend and implement software integration solutions as part of a team. Maximize the usefulness and performance of assigned software and integration points. Deploy upgrades and fixes to assigned software applications. Assist in establishing requirements, methods and procedures for routine maintenance.
- Develop custom solutions where necessary and appropriate. Perform testing, including error handling. Develop user guides and training documentation.
- Follow generally accepted practices in programming and software development, develop application interfaces and integrations.
- Design, create and manage database structures in the development, testing, and production environment.
- Participate in the development of contingency plans including reliable backup and restore procedures.
- Lead small projects and actively participate in assigned projects. Work with other staff members to meet task deadlines and communicate about the project status.

Remote flexibility within the state of NY. Preference given to Central New York region applicants or those willing to relocate, as some weekly on-site responsibilities are required. Salary Range: \$70,000-\$90,000 annually, commensurate with experience.

To review the full description and/or to apply, visit our careers site at:
<https://apptrkr.com/3620763>.

EOE/AA

Colby College

Tenure-Track Position in Computer Science

Colby College invites applications for a tenure-track Assistant Professor position in Computer Science, to start on September 1, 2023. Applicants must hold, or be close to completing, a Ph.D. in computer science, computer engineering, or a related area. We welcome applications from all research and teaching areas of expertise.

For more information and required materials, see cs.colby.edu.

Review of applications will begin on October 14, 2022 and will continue until the position is filled, and full consideration will be given to all applications received by November 1, 2022.

Colby is a private, coeducational liberal arts college that admits students and makes personnel decisions on the basis of the individual's qualifications to contribute to Colby's educational objectives and institutional needs. The principle of not discriminating on the basis of race, color, age, sex, sexual orientation, gender identity or expression, religion, caste, national or ethnic origin, marital status, genetic information, political beliefs, veteran or military status, parental status, pregnancy, childbirth or related medical conditions, physical or mental disability unrelated to the job or course of study requirements is consistent with the mission of a liberal arts college and the law.

Colby College

Tenure-Track Assistant Professor of Environmental Studies

The Environmental Studies (ES) Department and the Davis Institute for Artificial Intelligence at Colby College invite applicants for a tenure track assistant professor position in Environmental Artificial Intelligence to begin September 1, 2023.

For more information and to apply, please see <https://apply.interfolio.com/113634>.

College of Charleston

Two Tenure-track Assistant Professor of Computer Science Openings

The Computer Science Department at the College of Charleston invites applications for two tenure-track Assistant Professor positions starting in August 2023.

The rapidly-growing Computer Science department (<http://cs.cofc.edu>) has over 540 students who are enrolled in six undergraduate degree programs and two master's programs.

The successful applicant will demonstrate excellent communication skills, collegiality, and a passion for teaching. For an assistant professor appointment, the successful candidate must demonstrate promise to maintain an active research program and mentor undergraduate and graduate students. Candidates with expertise in all areas of computer science are sought to support our undergraduate and graduate programs in Computer Science, Computing in

the Arts, Computer Information Systems, Data Science, and Software Engineering. An earned Ph.D. degree in Computer Science or closely related field is required before the start date.

Preference for this position will be given to candidates who are interested in teaching courses related to mobile computing, augmented and virtual reality, computer organization, data mining and data science, distributed computing/systems.

Apply online at <https://jobs.cofc.edu>.

Applications must include a cover letter (at most three pages in length) which describes teaching and research fit at the College of Charleston, a CV, unofficial undergraduate and graduate transcripts, and contact information for three references who may be contacted to submit reference letters online.

Review of applications begins November 20, 2022 and will continue until the position is filled. Please direct questions to Ellie Lovellette, chair of the search committee, lovelletteeb@cofc.edu.

The College of Charleston / University of Charleston is a nationally recognized public liberal arts and sciences university located in the heart of historic Charleston, SC. Since our founding in 1770, we have maintained a strong liberal arts curriculum. The university encompasses the unusual combination of an exceptional faculty, historic campus, coastal location, modern facilities and cutting-edge programs. The student body numbers approximately 10,400 in undergraduate and graduate program combined.

Apply: <http://jobs.cofc.edu/>

Colorado State University

Assistant or Associate Professor in Computer Science

The Department of Computer Science at Colorado State University (CSU) invites applications for two (2) tenure-track positions at the level of Assistant or Associate Professor beginning in Fall 2023. The successful candidate must demonstrate potential for excellence in research, teaching and service that is consistent with a Carnegie R1 university. A Ph.D. in computer science or related area is required by the start of the appointment. The department is specifically looking for candidates with expertise in Software Engineering, Networking, Extended Reality, and Cyber Security.

For the complete posting and to apply, please visit: <https://jobs.colostate.edu/postings/113842>.

CSU is an EO/EA/AA employer and conducts background checks on all final candidates.

Colorado State University

Computer Science Instructor

The CSU Department of Computer Science is accepting applications for teaching positions the 2022-2023 academic year. The open positions are non-tenure track and may be temporary or special assignment. Annual terms and reappointment may depend on performance and/or funding availability.

To read the full job announcement and apply to the open pool active until April

30, 2023, see <https://jobs.colostate.edu/postings/103012>

CSU is an EO/EA/AA employer and conducts background checks on all final candidates.

Columbia University

Lecturer in Discipline or Senior Lecturer in Discipline with a Data Science focus

The Department of Computer Science at Columbia University in the City of New York invites applications for faculty at the rank of Lecturer in Discipline or Senior Lecturer in Discipline with a focus on Data Science beginning in the 2023-24 academic year. Lecturers in Discipline are full-time non-tenure-track faculty members whose primary responsibility is teaching. Lecturers in the department enjoy voting rights at faculty meetings, serve on department committees, and earn a Dean's Leave on a timeline similar to that of tenure-track faculty. The Department of Computer Science is committed to hiring outstanding teachers to support the growing needs of its exceptionally strong undergraduate and graduate programs. Teaching responsibilities will center on courses in the Masters for Data Science program, with a typical teaching load of two courses per semester.

The MS in Data Science program is one of the most highly regarded and sought-after data science programs in the world. This program is jointly offered in a collaboration between the Data Science Institute and the Departments of Computer Science, Statistics, and Industrial Engineering and Operations Research.

Candidates at the rank of Lecturer in Discipline are expected to have teaching experience, documented evidence of pedagogical excellence, and evidence of professional growth and activity in the given field. Candidates at the rank of Senior Lecturer in Discipline are expected to have substantial experience and accomplishments, a superlative record of teaching as a lecturer, and documented evidence of pedagogical excellence in carrying out administrative or other department responsibilities.

Applications should be submitted electronically at: <http://apply.interfolio.com/116447> and include the following: a cover letter, current CV, teaching statement, brief summary of research, and three letters of recommendation. At least two of the letters of recommendation must address teaching ability.

Review of applications will begin on December 1, 2022 and continue until the position is filled. Candidates must have a PhD or its professional equivalent by the starting date of the appointment.

Columbia University is an Equal Opportunity Employer/Disability/Veteran.

Columbia University

Lecturer in Discipline or Senior Lecturer in Discipline

Position Description

The Department of Computer Science at Columbia University in the City of New York invites applications for faculty at the rank of Lecturer in Discipline or Senior

Lecturer in Discipline beginning in the 2023-24 academic year. Lecturers in Discipline are full-time non-tenure-track faculty members whose primary responsibility is teaching. Lecturers in the department enjoy voting rights at faculty meetings, serve on department committees, and earn a Dean's Leave on a timeline similar to that of tenure-track faculty. The Department of Computer Science is committed to hiring outstanding teachers to support the growing needs of its exceptionally strong undergraduate and graduate programs. Teaching responsibilities for lecturers include courses throughout the computer science curriculum, from introductory to graduate level courses, with a typical teaching load of two courses per semester.

Qualifications

Candidates at the rank of Lecturer in Discipline are expected to have teaching experience, documented evidence of pedagogical excellence, and evidence of professional growth and activity in the given field. Candidates at the rank of Senior Lecturer in Discipline are expected to have substantial experience and accomplishments, a superlative record of teaching as a lecturer, and documented evidence of pedagogical excellence in carrying out administrative or other department responsibilities.

Application Instructions

Applications should be submitted electronically to <http://apply.interfolio.com/116372> and include the following: a cover letter, current CV, teaching statement, brief summary of research, and three letters of recommendation. At least

two of the letters of recommendation must address teaching ability.

Review of applications will begin on December 1, 2022 and continue until the position is filled. Candidates must have a PhD or its professional equivalent by the starting date of the appointment.

Columbia University is an Equal Opportunity Employer/Disability/Veteran.

Columbia University

Computer Science: Tenure-Track Assistant Professor or Associate Professor

Position Description

Columbia Engineering invites applications for a junior faculty position in the Department of Computer Science at Columbia University in the City of New York at the tenure-track assistant professor or associate professor level, to begin September 1, 2023. Applications are sought in the area of systems, broadly defined, in computer science, with an emphasis on hardware and security.

Qualifications

Candidates must have a Ph.D. or its professional equivalent by the starting date of the appointment. Applicants for this position must demonstrate the potential to do pioneering research and to teach effectively.

The successful candidate is expected to contribute to the advancement of their field and the department by developing an original and leading externally funded research program, and by contributing

to the undergraduate and graduate educational mission of the Department. The Department is especially interested in qualified candidates who can contribute, through their research, teaching, and/or service, to the diversity and excellence of the academic community.

Application Instructions

Applications should be submitted electronically to <http://apply.interfolio.com/116237> and include the following: a curriculum vitae including a publication list, a research statement including a description of research accomplishments, a statement of teaching interests and plans, a statement addressing contributions to diversity, contact information for three experts who can provide letters of recommendation, and up to three pre/reprints of scholarly work. Review of applications will begin on December 1, 2022 and will continue until the position is filled.

Columbia University is an Equal Opportunity Employer/Disability/Veteran.

Cornell Jeb E. Brooks School of Public Policy

Tenure-Track Associate or Full Professor of Technology and Public Policy

The Brooks School of Public Policy at Cornell University invites applications for an Associate or Full Professor in the field of Technology and Policy, broadly construed. We also welcome applications from advanced assistant professors who could be appointed at the rank of Associate Professor. We encourage applications from

scholars who study questions related to technology and public policy, including cybersecurity, scientific innovation, artificial intelligence, data science, financial technology, social media, ethical and equitable use of technology, global politics of regulating policy, and more.

The successful candidate will be part of an interdisciplinary hiring initiative at Cornell's new Brooks School of Public Policy. This position is 50% research and 50% teaching and advising. Qualifications: Ph.D. in a field related to Public Policy and/or a field related to public policy or technology.

Review will begin immediately and continue until a candidate is selected. Applications must include: (a) Cover letter; (b) Curriculum vitae; (c) up to three examples of written work(s); (d) Statement of contribution to diversity: <https://facultydevelopment.cornell.edu/departments-resources/recruitment/contribution-to-diversity/>; and (e) Names of three references (final candidates will be asked to submit letters later). Questions about the position and the search can be sent to the search committee chair, Sarah Kreps, sarah.kreps@cornell.edu.

Visit <https://academicjobsonline.org/ajo/jobs/23587>

The Cornell Jeb E. Brooks School of Public Policy is tackling complex U.S. and global societal challenges. We develop practical solutions that policymakers and other decision makers can use to improve the health, wellbeing, and prosperity of our population. Cornell University established the Brooks School in 2021 and is

positioning it to quickly become a leading school of public policy with expertise in areas that resonate with Cornell's unique strengths as an academic institution, including data science and technology policy. In service to these goals, we seek to hire several world-class public policy research scholars oriented toward policy engagement and impact across a variety of disciplines.

Diversity and Inclusion are a part of Cornell University's heritage. We are a recognized employer and educator valuing AA/EEO, Protected Veterans and Individuals with Disabilities. We also recognize a lawful preference in employment practices for Native Americans living on or near Indian reservations. Cornell University is an innovative Ivy League university and a great place to work. Our inclusive community of scholars, students, and staff impart an uncommon sense of larger purpose, and contribute creative ideas to further the university's mission of teaching, discovery, and engagement.

Dartmouth College

The John G. Kemeny Professorship of the Study of Computation and Just Communities

The Computer Science Department at Dartmouth College invites applications for The John G. Kemeny Professorship of the Study of Computation and Just Communities. Qualified candidates should have a record of scholarly activity commensurate with an appointment at the rank of Associate Professor or Full

Professor with tenure at an R1 institution. Applicants should have a record of research in machine learning with a demonstrated interest in investigating the connections of machine learning to its effects on society and equity. Examples of such work include but not limited to: the intersection of machine learning with privacy, economic opportunity, algorithmic bias, remote sensing, and text, speech, and image processing/misinformation. Applicants should also have an interest in working closely with Dartmouth College's newly created Wright Center for the Study of Computation and Just Communities.

The Computer Science department is home to 24 tenure-track faculty members and is committed to growing that number by 25-33% over the next decade, in a new dedicated Engineering and Computer Science Center. The department has strong Ph.D. and M.S. programs and outstanding undergraduate majors.

Computer Science, and Dartmouth as a whole, are highly committed to fostering a diverse and inclusive population of students, faculty, and staff. We are especially interested in applicants who are able to work effectively with students, faculty, and staff from all backgrounds, including but not limited to racial and ethnic minorities, women, individuals who identify with LGBTQ+ communities, individuals with disabilities, individuals from lower-income backgrounds, and first-generation college graduates. We seek candidates who have a demonstrated ability to contribute to Dartmouth's diversity initiatives in STEM research, such as the Women in Science Program,

E.E. Just STEM Scholars Program, and the Academic Summer Undergraduate Research Experience (ASURE). Applicants should state in their cover letter how their teaching, research, service, or experiences prepare them to advance Dartmouth's commitments to diversity, equity, and inclusion.

For the complete ad and to apply, please visit: <http://apply.interfolio.com/112687>

Dartmouth College

Assistant Professor Of Computer Science, System And Network Security

The Computer Science Department at Dartmouth College invites applications for a full-time tenure-track position at the rank of Assistant Professor, with appointment beginning as early as July 1, 2023. Applicants should have a track record of excellence in research and teaching, with a focus on the security and trustworthiness of computing devices connected via modern wireless connectivity. We seek applicants who have expertise in systems and network exploitation, with an emphasis on binary-level analysis of systems, formats, and interfaces. Specifically, we seek qualified candidates with a holistic view of technological challenges across multiple layers of underlying technological stacks of modern wireless connectivity such as 5G, Future-G, and other networking technologies, and of securing hardware and software stacks against state-of-the-art cyber attacks. An interest in applying formal methods to these topics is also desirable.

This position is part of a research cluster focused on cyber-security that is working towards future trustworthy connected devices with strong yet usable system security. In addition to faculty in the cluster, the Computer Science department includes other faculty working in security-related areas. Interested faculty are affiliated with Dartmouth's Institute for Security, Technology, and Society (ISTS), which also involves faculty from Government, Engineering, Sociology, and Business.

The Computer Science department is home to 24 tenured and tenure-track faculty members and three research faculty members, and is working towards a significant expansion in those numbers over the next decade, in a new dedicated Computer Science and Engineering Center. Research areas of the department encompass the areas of security, computational biology, machine learning, robotics, systems, algorithms, theory, digital arts, vision, and graphics. The department has strong Ph.D. and M.S. programs and outstanding undergraduate majors.

We seek qualified candidates who have a demonstrated ability to contribute to Dartmouth's undergraduate diversity initiatives in STEM research, such as the Women in Science Program, E. E. Just STEM Scholars Program, and Academic Summer Undergraduate Research Experience (ASURE). We are especially interested in applicants who are able to work effectively with students, faculty, and staff from all backgrounds, including but not limited to racial and ethnic minorities, women, individuals who identify with LGBTQ+ communities, individuals with disabilities, individuals from lower income backgrounds, and first-generation college

graduates. Applicants should provide a statement of how their teaching, research, service, or experiences prepare them to advance Dartmouth's commitments to diversity, equity, and inclusion.

Please visit <http://apply.interfolio.com/114916> **to see the full ad and/or to apply.**

Davidson College

Assistant Professor - Computer Science

The Department of Mathematics and Computer Science at Davidson College invites applications for a tenure-track appointment in **Computer Science** at the rank of **Assistant Professor**, beginning July 1, 2023.

We seek candidates with a strong commitment to improving access to computer science for all students, enthusiasm for teaching all levels of undergraduate students, and a research program that can involve undergraduate researchers. The department is most interested in candidates who can expand our *curriculum*, support courses in systems (broadly defined), and enhance research opportunities for students.

For a full job description and to apply, please visit <https://employment.davidson.edu>. Applications completed by **Tuesday, November 1** will receive full consideration.

At Davidson College, we believe the college grows stronger by recruiting and retaining a diverse faculty and staff committed to building an inclusive community. In order to achieve and sustain educational excellence, we seek to hire talented faculty and staff

across the intersections of diverse races, ethnicities, religions, sexual orientations, gender identities, ages, socio-economic backgrounds, political perspectives, abilities, cultures, and national origin.

Delft University of Technology

Assistant/Associate Professor Quantum Computer Science

TU Delft's Faculty of Electrical Engineering, Mathematics, and Computer Science (*EEMCS*) invites applications for tenure-track faculty in the area of Quantum Computer Science (QCS). QCS is a growing subdivision of EEMCS at TU Delft, and has a mission to endow society with the full potential of quantum technologies. In view of this endeavour, QCS values research in all areas of quantum computing, quantum information, and quantum communication with a special focus on making quantum technologies a practical reality.

A successful candidate will join the ranks of exceptional quantum researchers, including leading physicists and engineers focused on quantum hardware and architecture development, thus enabling opportunities of conducting research on all levels of the stack.

Applications submitted by January 13, 2023, will receive full consideration.

For more information, visit <https://www.tudelft.nl/over-tu-delft/werken-bij-tu-delft/vacatures/details?jobId=9369&jobTitle=Assistant%2FAssociate%20Professor%20Quantum%20Computer%20Science>.

Dickinson College

Assistant Professors and/or Lecturer in Computer Science

Dickinson College invites applications for **two full-time faculty appointments** in computer science beginning Fall 2023. The first position is a tenure-track appointment at the rank of Assistant Professor; the second position is for a tenure-track Assistant Professor or a Lecturer in Computer Science, depending on the successful candidate's qualifications.

Applications must be submitted electronically at <https://jobs.dickinson.edu/postings/6672>.

Email jmac@dickinson.edu with questions.

Duke University

Professor of the Practice Position in Computer Science

The Department of Computer Science at Duke University in Durham, North Carolina, invites applications and nominations for a Professor of the Practice position starting in Fall 2023. The appointment will be made at the Assistant/Associate/Full Professor of the Practice rank depending on the candidate's experience. Duke has a long history of supporting faculty with practice-of titles who are educators, practitioners, and scholars, and the Computer Science Department has set high standards in providing a teaching and work environment in which the Practice-of faculty thrive.

Candidates are expected to have a doctoral degree in computer science or

a related field. Successful candidates must have a strong commitment to and demonstrated excellence in teaching. They must show commitment to educating a broad and diverse group of students and to increasing the participation and success of students from groups underrepresented in computer science. Successful candidates at the Associate and Full Professor of the Practice level must also show examples of academic, scholarly, and educational success outside the classroom that have resulted in, or have the potential to result in, significant advancements in computer science education.

The term of an initial appointment depends on the rank, but is typically four years for a junior position. Reappointment and promotion are governed by departmental and university bylaws and guidelines that encourage faculty to be innovative, to succeed locally and nationally, and to develop new courses and curricula that mesh with ongoing and new initiatives. Practice-of faculty typically teach two undergraduate courses per semester with support from graduate and undergraduate Teaching Assistants as well as Teaching Associates.

Applicants should submit the following materials electronically through AcademicJobsOnline (<https://academicjobsonline.org/ajol/jobs/23302>) and solicit letters of reference:

- Cover letter
- Curriculum vitae
- A statement on teaching describing your teaching philosophy as well as your

experience with teaching and mentoring, including evidence of teaching effectiveness (such as teaching evaluations)

- A statement of scholarly activities, which may include research on pedagogical focus
- A statement on diversity describing your experience in advancing diversity in teaching, scholarship and/or service, as well as your understanding of the importance of diversity and inclusion to the mission of Duke University
- Letters from at least three referees who can comment on the candidate's pedagogical skills, among other attributes.
- For full consideration, applications and references should be received by December 15, 2022.

Duke is committed to further enhancing the diversity of its faculty and students. We seek faculty members who are also committed to building a diverse and inclusive community. We strongly encourage applications from women and underrepresented minorities in computing. Please see www.cs.duke.edu and www.faculty.duke.edu for information about the Department and advantages that Duke offers to faculty.

Durham, Chapel Hill, and the Research Triangle of North Carolina are frequently ranked among the best places in the country to live and work. Duke and the many other universities in the area offer a wealth of education and employment opportunities for spouses, partners, and families.

Duke University is an Affirmative Action/ Equal Opportunity Employer committed to providing employment opportunity without regard to an individual's age, color,

disability, genetic information, gender, gender expression, gender identity, national origin, race, religion, sex, sexual orientation, or veteran status.

Duke University

Tenure-Track or Tenured Faculty Positions in Computer Science

The Department of Computer Science at Duke University in Durham, North Carolina, invites applications for tenure-track or tenured faculty positions at all ranks. Candidates are expected to have a doctoral degree in computer science or a related field. Successful candidates must have a solid disciplinary foundation and demonstrate the promise of outstanding scholarship in every regard, including research and teaching.

Applicants should submit their materials (cover letter, curriculum vita, research statement, teaching statement, contacts for at least three references) electronically through AcademicJobsOnline (<https://academicjobsonline.org/ajo/jobs/23526>), and solicit letters of reference.

For full consideration, applications and references should be received by December 15, 2022.

Duke is committed to further enhancing the diversity of its faculty and students. We seek faculty members who are also committed to building a diverse and inclusive community, which fosters excellence in research and teaching. We strongly encourage applications from women and underrepresented minorities in computing. Please see www.cs.duke.edu.

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Embry-Riddle Aeronautical University

Tenure-Track Assistant Professor in Data Science

The Department of Mathematics at Embry-Riddle Aeronautical University, Daytona Beach campus, invites applications for two tenure-track Assistant Professor positions in Data Science, starting Fall 2023.

Excellence in teaching is our priority and one of our department's primary goals is to contribute to the success of our students and the growth of our student population. All tenure-track candidates in the Department of Mathematics are expected to be productive in research and scholarly production.

The candidate must hold Ph.D. Degree in Data Science, Computer Science,

Computational Mathematics, or a related field (by the time of appointment) and have some teaching experience.

For more information and to apply online, please visit https://embryriddle.wd1.myworkdayjobs.com/en-US/External/details/Tenure-Track-Assistant-Professor-in-Data-Science_R304463

Emory University

Atlanta, Georgia

Teaching Faculty in Computer Science

The *Computer Science Department* at Emory University in Atlanta, Georgia, invites applications for Teaching Track Faculty to begin Spring/Fall 2023. Ongoing/renewable appointments will be in the Teaching Track as Assistant Teaching Professor or Senior Associate Teaching Professor. These regular faculty positions carry full benefits and all governance rights and responsibilities. Please see the Emory College Teaching Track Guidelines: <http://college.emory.edu/faculty/faculty/promotion-teaching-track.html>

Emory CS is a dynamic, close-knit department with a stellar faculty, passionate about scholarship, teaching, and societal impact. The Department is committed to positively transforming the world through computing, and prides itself on a family-friendly and supportive dual-career environment, engaging with industry, alumni, and the community. The CS Department is intensively pursuing efforts to broaden participation in computing, and we especially encourage

applications from women and members of underrepresented groups. For additional information about the Department of Computer Science, please see: <http://www.cs.emory.edu/>

CS is central to Emory's AI.Humanity initiative <https://aihumanity.emory.edu/> that brings together disciplines from across the university to better serve humankind and society. AI.Humanity exemplifies the remarkable collegial spirit that makes Emory a leader in collaborative interdisciplinary endeavors while advancing knowledge in fundamental and applied domains. At the same time, Emory maintains a strong core curriculum in Computer Science and solicits applications in all areas, including Systems and Theory.

Emory University is highly ranked for outstanding research and education, as well as among America's *Best Employers for Women* and *Best Employers for Diversity*. It fosters a culture of excellence, inclusivity, and cooperation. The campus is an integral part of the energetic Atlanta, Georgia, metropolitan area, offering various cultural, social, and recreational opportunities, a mild climate, and unmatched accessibility.

Applicants should have a Ph.D. in Computer Science or a related discipline and outstanding teaching, advising, and service credentials related to our undergraduate programs. Responsibilities include: (1) teaching five courses per year; (2) student advising and mentoring; (3) curriculum enhancement; and (4) supporting the educational mission of the College through service. Research is not

a required element in the Teaching track, but all forms of scholarship are strongly encouraged and supported.

Applications should be submitted to Interfolio using the following link: <http://apply.interfolio.com/116010/>

Applications should comprise of the following:

- Cover Letter
- C.V.
- Teaching Philosophy and Career Goals Statement
- Evidence of Teaching Excellence
- Diversity Statement - please outline your interests in broadening participation and increasing diversity in computing.
- Three Letters of Recommendation - applicants can provide contact information for recommenders in Interfolio. Recommenders will receive an email with instructions to directly submit their letters to Interfolio.

Review of applications will begin on December 15, 2022. Full consideration will be given to applications received up to a minimum of 30 days after review begins until the position is filled. Informal inquiries are welcome and invited by email to the department chair: vss@emory.edu

Emory University is an equal employment opportunity and affirmative action employer. Women, minorities, people with disabilities, and veterans are strongly encouraged to apply. Emory University is committed to student and faculty diversity, equity, and inclusion.

ETH Zurich

Assistant Professors (Tenure Track) of Computer Science – Computer Security

The Department of Computer Science (www.inf.ethz.ch) at ETH Zurich invites applications for assistant professorships (tenure track) in computer science with focus on different aspects of Computer Security, in particular:

- System and Network Security
- Software Security and Formal Methods

Please apply for only one of the above areas as all applications will be jointly reviewed. Applicants should be strongly rooted in computer science, have internationally recognized expertise in their field and pursue research at the forefront of computer science. Successful candidates should establish and lead a strong research program. They will be expected to supervise doctoral students and teach both undergraduate and graduate level courses (in German or in English). Collaboration in research and teaching is expected both within the department and with other groups of ETH Zurich and related institutions.

Assistant professorships have been established to promote the careers of younger scientists. ETH Zurich implements a tenure track system equivalent to that of other top international universities.

Please apply online (application period starts on 17.11.2022) at:
www.facultyaffairs.ethz.ch

Applications should include a curriculum vitae, a list of publications with the three most important ones marked, a statement

of future research and teaching interests, a description of the leadership philosophy, the names of three references and a description of the three most important achievements.

The letter of application should be addressed **to the President of ETH Zurich, Prof. Dr. Joël Mesot. The closing date for applications is 8 January 2023.**

ETH Zurich is an equal opportunity and family-friendly employer, values diversity, and is responsive to the needs of dual-career couples.

ETH Zurich

Assistant Professor (Tenure Track) of Educational Technology

The Department of Computer Science (www.inf.ethz.ch) at ETH Zurich invites applications for an assistant professorship (tenure track) with a focus on Educational Technology (e.g., assignment generation, feedback and grading for programming and math assignments, and HCI aspects of education technology).

Applicants should be strongly rooted in computer science, have internationally recognized expertise in their field and pursue research at the forefront of computer science. Successful candidates should establish and lead a strong research program. They will be expected to supervise doctoral students and teach both undergraduate and graduate level courses (in German or in English). Collaboration in research and teaching is expected both within the department

and with other groups of ETH Zurich and related institutions.

Assistant professorships have been established to promote the careers of younger scientists. ETH Zurich implements a tenure track system equivalent to that of other top international universities.

Please apply online (application period starts on 17.11.2022) at:
www.facultyaffairs.ethz.ch

Applications should include a curriculum vitae, a list of publications with the three most important ones marked, a statement of future research and teaching interests, a description of the leadership philosophy, the names of three references and a description of the three most important achievements.

The letter of application should be addressed **to the President of ETH Zurich, Prof. Dr. Joël Mesot. The closing date for applications is 8 January 2023.**

ETH Zurich is an equal opportunity and family-friendly employer, values diversity, and is responsive to the needs of dual-career couples.

ETH Zurich

Assistant Professors (Tenure Track) of Computer Science – Visualization

The Department of Computer Science (www.inf.ethz.ch) at ETH Zurich invites applications for assistant professorships (tenure track) in computer science with focus on visualization.

Applicants should be strongly rooted in computer science, have internationally

recognized expertise in their field and pursue research at the forefront of computer science. Successful candidates should establish and lead a strong research program. They will be expected to supervise doctoral students and teach both undergraduate and graduate level courses (in German or in English). Collaboration in research and teaching is expected both within the department and with other groups of ETH Zurich and related institutions.

Assistant professorships have been established to promote the careers of younger scientists. ETH Zurich implements a tenure track system equivalent to that of other top international universities.

Please apply online (application period starts on 17.11.2022) at:
www.facultyaffairs.ethz.ch

Applications should include a curriculum vitae, a list of publications with the three most important ones marked, a statement of future research and teaching interests, a description of the leadership philosophy, the names of three references and a description of the three most important achievements.

The letter of application should be addressed **to the President of ETH Zurich, Prof. Dr. Joël Mesot. The closing date for applications is 8 January 2023.**

ETH Zurich is an equal opportunity and family-friendly employer, values diversity, and is responsive to the needs of dual-career couples.

Fitchburg State University

Assistant Professor – Tenure Track in Computer Science

The Computer Science Department at Fitchburg State University invites applications for a tenure-track position at the Assistant or Associate Professor rank starting in Fall 2023. The ideal candidate will be an excellent instructor with experience teaching programming and computer hardware-oriented classes.

A successful candidate for a tenure-track position will also be required to assist the department in promoting the CS/CIS and MS programs as well as contribute to student advising, curricula development and ongoing accreditation for our programs.

Full-time, 9-month benefited position

For more information and to apply, please visit the following link: <https://fitchburg.interviewexchange.com/jobofferdetails.jsp?JOBID=156248>

Florida International University

Open-Rank Teaching Positions

Florida International University is Miami's public research university. FIU is focused on student success. According to U.S. News and World Report, FIU has 35 programs in the top 100 in the nation among public universities, including 15 in the top 50. FIU is a top U.S. research university with more than \$200 million in annual expenditures and is designated as an "Emerging Preeminent State

Research University" by the Florida Board of Governors. FIU ranks 15th in the nation among public universities for patent production, which drives innovation, and is one of the institutions that helps make Florida the top state for higher education. The Next Horizon fundraising campaign is furthering FIU's commitment to providing students Worlds Ahead opportunities. Today, FIU has two campuses and multiple centers, and supports artistic and cultural engagement through its three museums: Patricia & Phillip Frost Art Museum, the Wolfsonian-FIU, and the Jewish Museum of Florida-FIU. FIU is a member of Conference USA, with more than 400 student-athletes participating in 18 sports. The university has awarded more than 330,000 degrees to many leaders in South Florida and beyond. For more information about FIU, visit www.fiu.edu.

Open-Rank Teaching Positions in the Knight Foundation School of Computing and Information Sciences

The Knight Foundation School of Computing and Information Sciences (KFSCIS) is a rapidly growing program of excellence at Florida International University (FIU). The School has 54 faculty members, and over 3,900 students, including 96 Ph.D. students, and close to 350 M.S. students. The School is engaged in on-going and exciting new and expanding programs for research, education, and outreach. The School offers B.A., B.S., M.S., and Ph.D. degrees in Computer Science, B.S. in Cybersecurity and Information Technology, and M.S. degrees in Telecommunications and Networking, Cyber-security, Data Science,

and Information Technology. NSF HERD report ranks FIU #38 in R&D research expenditures in computer and information sciences. SCIS has six research centers/ clusters with first-class computing and support infrastructure and enjoys broad and dynamic industry and international partnerships. Computer Science has been identified as one of the University's strategic growth areas, launching new expansion plans to educate and train technology talent for the burgeoning South Florida Tech Hub. We anticipate adding several teaching-track faculty positions over the next few years, as we surge to become one of the nation's top Computer Science programs. As such, we invite top researchers and educators with outstanding credentials to join our team and share this exciting journey with us.

The Knight Foundation School of Computing and Information Sciences seeks exceptionally qualified candidates for multiple non-tenure track, open-rank, teaching faculty positions. Ideal candidates must be committed to excellence in teaching a variety of courses offered by the school. Candidates who employ innovative, evidence-based teaching pedagogies are particularly encouraged to apply. A Master's degree in Computer Science or related disciplines is required and a PhD degree is preferred. While this position is not a tenure track position, it does have a promotion progression: teaching faculty with a terminal degree are eligible for consideration for promotion after five years.

Qualified candidates are encouraged to apply to Job Opening ID 528281 at <https://facultycareers.fiu.edu/> and attach cover

letter, curriculum vitae, statement of teaching philosophy, diversity statement, optionally research statement, etc. Candidates will be requested to provide names and contact information for at least three references who will be contacted as determined by the search committee.

Applications will be accepted until the position is filled.

Clery Notice

In compliance with the Jeanne Clery Disclosure of Campus Security Policy and Crime Statistics Act, the University Police department at Florida International University provides information on crimes statistics, crime prevention, law enforcement, crime reporting, and other related issues for the past three (3) calendar years. The FIU Annual Security report is available online at: <https://police.fiu.edu/download/annual-security-fire-safety-report/>.

To obtain a paper copy of the report, please visit the FIU Police Department located at 885 SW 109th Avenue, Miami, FL, 33199 (PG5 Market Station).

Pay Transparency

Florida International University will not discharge or in any other manner discriminate against employees or applicants because they have inquired about, discussed, or disclosed their own pay or the pay of another employee or applicant. However, employees who have access to the compensation information of other employees or applicants as a part of their essential job functions cannot disclose the pay of other employees or

applicants to individuals who do not otherwise have access to compensation information, unless the disclosure is (a) in response to a formal complaint or charge, (b) in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or (c) consistent with the contractor's legal duty to furnish information.

FIU is a member of the State University System of Florida and an Equal Opportunity, Equal Access, Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability or protected veteran status.

Florida International University

Open-Rank Tenure Track/Tenured Assistant Professor, Associate Professor & Professor

Florida International University is Miami's public research university. FIU is focused on student success. According to U.S. News and World Report, FIU has 35 programs in the top 100 in the nation among public universities, including 15 in the top 50. FIU is a top U.S. research university with more than \$200 million in annual expenditures and is designated as an "Emerging Preeminent State Research University" by the Florida Board of Governors. FIU ranks 15th in the nation among public universities for patent production, which drives innovation, and is one of the institutions that helps make Florida the top state for higher education.

The Next Horizon fundraising campaign is furthering FIU's commitment to providing students Worlds Ahead opportunities. Today, FIU has two campuses and multiple centers, and supports artistic and cultural engagement through its three museums: Patricia & Phillip Frost Art Museum, the Wolfsonian-FIU, and the Jewish Museum of Florida-FIU. FIU is a member of Conference USA, with more than 400 student-athletes participating in 18 sports. The university has awarded more than 330,000 degrees to many leaders in South Florida and beyond. For more information about FIU, visit www.fiu.edu.

Open-Rank Tenure Track/Tenured Assistant Professor, Associate Professor & Professor, Knight Foundation School of Computing and Information Sciences

The Knight Foundation School of Computing and Information Sciences (KFSCIS) at the Florida International University (FIU) in Miami, Florida, invites applications for multiple tenured and tenure-track faculty positions at all ranks. We welcome applications from candidates with expertise in all areas of Computer Science that complement and enhance our current research strengths. Expertise in interdisciplinary areas are particularly encouraged. Applicants must hold a doctorate degree in Computer Science or related field, and show evidence of engagement in interdisciplinary and collaborative research and a commitment to teaching, diversity and inclusivity.

Candidates for senior positions must have an active and sustainable record in funded research, publications,

and professional service, as well as demonstrated leadership in collaborative or interdisciplinary projects. Candidates for junior positions should have a record of research in their early careers with demonstrated abilities to pursue their research agenda. The positions require teaching diverse audiences at both graduate and undergraduate levels, and active participation in departmental and university activities

KFSCIS has six research centers, including federally-funded centers of excellence. The School has 35 tenure-track faculty members, many with NSF and DOE CAREER awards and other national recognitions for their contributions. It has over 3,900 students, including 96 Ph.D. students, and close to 350 M.S. students. The School is engaged in on-going and exciting new and expanding programs for research, education, and outreach. The School offers B.A., B.S., M.S., and Ph.D. degrees in Computer Science, B.S. in Cybersecurity and Information Technology, and M.S. degrees in Telecommunications and Networking, Cyber-security, Data Science, and Information Technology. NSF HERD report ranks FIU # 38 in R&D research expenditures in computer and information sciences. KFSCIS has several computing clusters with first-rate computing and support infrastructure and enjoys broad and dynamic industry and international partnerships.

Computer Science has been identified as one of the University's strategic growth areas, and KFSCIS has launched many initiatives and degree programs to produce technologically-trained expertise for

the burgeoning South Florida Tech Hub. Continuing on our multi-year expansion effort started two years ago to add 20 new faculty members over five years, we aim to strategically add multiple tenured and tenure-track faculty members this year.

KFSCIS is committed to fostering a diverse, equitable, and inclusive academic community. We welcome applications from women, disabled individuals, and underserved communities. Dual-career couples with research that aligns with KFSCIS that are interested in relocating together are encouraged to submit individual applications and mention this in their cover letters.

Qualified candidates are encouraged to apply to Job Opening ID 528286 at <https://facultycareers.fiu.edu/> and attach cover letter, curriculum vitae, statement of teaching philosophy, etc. Candidates will be requested to provide names and contact information for at least 3 references who will be contacted as determined by the search committee.

We will start to review applications on December 9th, 2022. Applications will be accepted until the positions are filled.

Clery Notice

In compliance with the Jeanne Clery Disclosure of Campus Security Policy and Crime Statistics Act, the University Police department at Florida International University provides information on crimes statistics, crime prevention, law enforcement, crime reporting, and other related issues for the past three (3) calendar years. The FIU Annual Security

report is available online at: <https://police.fiu.edu/download/annual-security-fire-safety-report/>.

To obtain a paper copy of the report, please visit the FIU Police Department located at 885 SW 109th Avenue, Miami, FL, 33199 (PG5 Market Station).

Pay Transparency

Florida International University will not discharge or in any other manner discriminate against employees or applicants because they have inquired about, discussed, or disclosed their own pay or the pay of another employee or applicant. However, employees who have access to the compensation information of other employees or applicants as a part of their essential job functions cannot disclose the pay of other employees or applicants to individuals who do not otherwise have access to compensation information, unless the disclosure is (a) in response to a formal complaint or charge, (b) in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or (c) consistent with the contractor's legal duty to furnish information.

FIU is a member of the State University System of Florida and an Equal Opportunity, Equal Access, Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability or protected veteran status.

Florida State University

Tenure-Track Assistant Professor Position in Data Science and AI, Department of Computer Science

The Department of Computer Science at the Florida State University invites applications for a tenure-track Assistant Professor position to begin in August 2023. The position is 9-month, full-time, tenure-track, and benefits eligible. We are seeking strong applied and theoretical applicants in the broad areas of Data Science and AI. The focus areas include Data Science, Data Analytics, Machine Learning, Artificial Intelligence, Sensor Systems and Networks, Mobile Computing, Databases, High Performance Computing, and Computer Graphics and Visualization. Outstanding applicants in other areas will also be considered.

Applicants should hold a Doctoral degree from an accredited institution in the field of Computer Science or closely related field at the time of appointment and have a demonstrated record of academic accomplishments.

The department currently has 25 tenure-track and 7 specialized faculty members and offers degrees at the BS, MS, and PhD levels. Our annual research expenditure has been growing substantially in the past several years and was over four million dollars in the 2022 fiscal year. The department is an NSA/DHS Center of Academic Excellence in Cyber Defense Education (CAE/CDE) and Research (CAE-R). FSU is classified among R1: Doctoral Universities - Very high research and a top 20 national public university. Its primary

role is to serve as a center for advanced graduate and professional studies while emphasizing research and providing excellence in undergraduate education. Further information can be found at:

<https://www.cs.fsu.edu/recruit>

Screening will begin December 15, 2022 and will continue until the positions are filled. Please apply online with curriculum vitae, statements of teaching and research philosophy, and the names of three references at: www.jobs.fsu.edu, select "Browse Job Openings," and search for Job ID 53307. Questions can be e-mailed to Prof. Weikuan Yu, Faculty Search Committee Chair, recruitment@cs.fsu.edu.

FSU is an Equal Opportunity/Access/Affirmative Action/Pro Disabled & Veteran Employer. FSU's Equal Opportunity Statement can be viewed at: http://www.hr.fsu.edu/PDF/Publications/diversity/EEO_Statement.pdf

Individuals from traditionally underrepresented groups are encouraged to apply.

Florida State University

Tenure-Track Assistant Professor Position in Interdisciplinary Computing, Department of Computer Science

The Department of Computer Science at the Florida State University invites applications for a tenure-track Assistant Professor position to begin in August 2023. The position is 9-month, full-time, tenure-track, and benefits eligible. We are seeking strong applicants in the broad areas of Interdisciplinary Computing.

The focus areas include Human Computer Interactions, Computer Vision, Computational Biology and Bioinformatics, High Performance Computing, Machine Learning and AI for Science and Engineering, and Computer Graphics and Visualization. Outstanding applicants in other areas will also be considered.

Applicants should hold a Doctoral degree from an accredited institution in the field of Computer Science or closely related field at the time of appointment and have a demonstrated record of academic accomplishments.

The department currently has 25 tenure-track and 7 specialized faculty members and offers degrees at the BS, MS, and PhD levels. Our annual research expenditure has been growing substantially in the past several years and was over four million dollars in the 2022 fiscal year. The department is an NSA/DHS Center of Academic Excellence in Cyber Defense Education (CAE/CDE) and Research (CAE-R). FSU is classified among R1: Doctoral Universities - Very high research and a top 20 national public university. Its primary role is to serve as a center for advanced graduate and professional studies while emphasizing research and providing excellence in undergraduate education. Further information can be found at:

<https://www.cs.fsu.edu/recruit>

Screening will begin December 15, 2022 and will continue until the positions are filled. Please apply online with curriculum vitae, statements of teaching and research philosophy, and the names of three references at: www.jobs.fsu.edu, select "Browse Job Openings," and

search for Job ID 53310. Questions can be e-mailed to Prof. Weikuan Yu, Faculty Search Committee Chair, recruitment@cs.fsu.edu.

FSU is an Equal Opportunity/Access/Affirmative Action/Pro Disabled & Veteran Employer. FSU's Equal Opportunity Statement can be viewed at: http://www.hr.fsu.edu/PDF/Publications/diversity/EEO_Statement.pdf

Individuals from traditionally underrepresented groups are encouraged to apply.

Florida State University

Tenure-Track Assistant Professor Position in Computer Systems, Department of Computer Science

The Department of Computer Science at the Florida State University invites applications for a tenure-track Assistant Professor position to begin in August 2023. The position is 9-month, full-time, tenure-track, and benefits eligible. We are seeking strong systems design and implementation applicants in the broad areas of Computer Systems. The focus areas include Compiler and Programming Languages, Emerging Processor and Memory Architecture, High-Performance Distributed and Cloud Systems, Systems Security, Quantum Computing, and Full-Stack Co-Designed Systems that support Machine Learning and Artificial Intelligence. Outstanding applicants in other areas will also be considered.

Applicants should hold a Doctoral degree from an accredited institution in the

field of Computer Science or closely related field at the time of appointment and have a demonstrated record of academic accomplishments.

The department currently has 25 tenure-track and 7 specialized faculty members and offers degrees at the BS, MS, and PhD levels. Our annual research expenditure has been growing substantially in the past several years and was over four million dollars in the 2022 fiscal year. The department is an NSA/DHS Center of Academic Excellence in Cyber Defense Education (CAE/CDE) and Research (CAE-R). FSU is classified among R1: Doctoral Universities - Very high research and a top 20 national public university. Its primary role is to serve as a center for advanced graduate and professional studies while emphasizing research and providing excellence in undergraduate education. Further information can be found at:

<https://www.cs.fsu.edu/recruit>

Screening will begin December 15, 2022 and will continue until the positions are filled. Please apply online with curriculum vitae, statements of teaching and research philosophy, and the names of three references at: www.jobs.fsu.edu, select "Browse Job Openings," and search for Job ID 53309. Questions can be e-mailed to Prof. Weikuan Yu, Faculty Search Committee Chair, recruitment@cs.fsu.edu.

FSU is an Equal Opportunity/Access/Affirmative Action/Pro Disabled & Veteran Employer. FSU's Equal Opportunity Statement can be viewed at: http://www.hr.fsu.edu/PDF/Publications/diversity/EEO_Statement.pdf

Individuals from traditionally underrepresented groups are encouraged to apply.

Fordham University

Tenure track Assistant Professor position(s)

The Department of Computer and Information Sciences at Fordham University invites applications for

- 1) a tenure track Assistant Professor position in systems, software engineering, cybersecurity and networks, and
- 2) a tenure track Assistant Professor position in computational neuroscience, neuro-informatics, and related fields, to start in Fall 2023.

The positions require a Ph.D. in Computer Science, or Computational Neuroscience, Informatics and related field, a commitment to teaching excellence, good communication skills, and demonstrated research potential with the ability to attract external research funding. Applicants for the computational neuroscience position are expected to be actively engaged in both neuroscience and data science. The salary range for both positions is \$118,000-\$135,000.

The Department of Computer and Information Science at Fordham University offers undergraduate, masters, and doctoral programs in computer science and related fields in the Bronx and Manhattan campuses. The department actively participates in joint instruction and research through the interdisciplinary

integrative neuroscience program, in collaboration with Biology, Natural Sciences, and Psychology departments. For information about the department, visit <http://www.cis.fordham.edu>.

Applications can be submitted electronically to Interfolio Scholar Services through the following links. The following are required: (1) Cover letter with qualifications, (2) Curriculum vitae, (3) Research Statement, (4) Teaching Statement (5) Sample scholarship, and (6) At least three letters of recommendation.

- For the position in systems/software engineering, apply at: <http://applyinterfolio.com/117210>, and contact Dr. Damian Lyons dlyons@fordham.edu for inquiries.
- For the position in computational neuroscience/neuro-informatics, apply at: <https://applyinterfolio.com/38910> and contact Dr. Daniel Leeds (dleeds@fordham.edu) for inquiries.

Applications will be accepted until the positions are filled, however, for full consideration, it is recommended to complete your application by Jan 15, 2023 for the position in systems, software engineering, cybersecurity and networks areas, and by Dec 8 for the position in computational neuroscience and neuro-informatics areas.

Fordham University is proud to be one of only 13 institutions specifically designated in Ambassador Luce's bequest to receive funding in perpetuity to support women in STEM; this support includes opportunities for Fordham students as well as funding for a Clare Boothe Luce Professorship. The finalist for this faculty position may

also be eligible for further consideration for a Clare Boothe Luce Professorship for beginning tenure-track faculty.

Fordham is an independent, Catholic University in the Jesuit tradition committed to excellence through diversity. Fordham is an equal opportunity employer, and we especially encourage women, people of color, veterans and people with disabilities to apply.

George Mason University

Department of Computer Science

Multiple Open-Rank, Tenure-Track Faculty Positions

The George Mason University Department of Computer Science, within the College of Engineering and Computing (CEC), invites applications for multiple tenure-track or tenured faculty positions beginning Fall 2023. Senior candidates with established records of outstanding research and excellent teaching will be eligible for tenured associate professor or professor positions. George Mason University has a strong institutional commitment to the achievement of excellence and diversity among its faculty and staff, and strongly encourages candidates to apply who will enrich Mason's academic and culturally inclusive environment.

Candidates who are in a dual-career situation may be able to take advantage of the university's support for dual-career recruitment. Candidates who are in a dual-career situation or who require a start date other than Fall 2023 should make this known in their application materials.

Responsibilities:

Successful candidates will be expected to teach at the undergraduate and graduate levels; develop an independent, externally funded research program; advise students; participate in all aspects of the department's mission; serve the profession; and embrace and help advance the University's strong commitment to diversity, equity and inclusion.

The Department is currently based on Mason's Fairfax campus, but plans are underway to expand the Department's presence at the Mason Square campus in Arlington, where there will be additional opportunities for teaching and research.

Required Qualifications:

Applicants must have received a PhD by the start date of the position, and should have demonstrated potential for excellence and productivity in research, and a commitment to high-quality teaching. Successful candidates typically will have a PhD in Computer Science or a related field; candidates with a PhD in other fields should have a strong publication record in Computer Science.

Preferred Qualifications:

Applicants at all ranks and in all areas of Computer Science, broadly defined, will be considered. Candidates who can build collaborations with other departments within the College and across the University will benefit from the strong support and encouragement for interdisciplinary collaboration with the College and the University. The Department and the College place high value on engaging students from

traditionally underrepresented groups, and candidates from these groups are especially encouraged to apply.

About the Department:

The Department of Computer Science has 21 teaching-track faculty and 57 tenured and tenure-track faculty with wide-ranging research interests, and strong research groups in cybersecurity, systems and networks, machine learning and data mining, artificial intelligence, robotics, visual computing, theory, databases, bioinformatics, HCI, and software engineering. The department has seen a substantial increase in computer science majors as enrollment has grown from 550 undergraduates in 2012 to over 2,200 today. The department has nearly 200 PhD students and over 950 Masters students enrolled in four MS programs.

For more information on the department, visit our website: <https://cs.gmu.edu/>.

Mason Computing: The Future of Computing is Here

The College of Engineering and Computing at George Mason University is comprised of the Volgenau School of Engineering and the School of Computing. The College is a fast-growing force for innovation in research and education. Ranked nationally in the top 100 in both undergraduate and graduate education, the College boasts 10,000 students in 37 undergraduate, master's, and doctoral degree programs, including several first-in-the-nation offerings.

Special Instructions to Applicants

For full consideration, applicants must apply for position number F82IAZ; at <https://jobs.gmu.edu>, complete and

submit the online application; and upload a statement of professional goals including your perspective on teaching and research (to attach as 'Other Doc'), a complete CV with publications, a statement on what diversity and inclusion means to you (to attach as 'Other Doc 2'), and the names of three professional references. The review of applications will begin December 2, 2022, and continue until filled.

George Mason University

Department of Computer Science

Multiple Open-Rank, Term Faculty Positions

The George Mason University Department of Computer Science, within the College of Engineering and Computing (CEC), invites applications for multiple, renewable-term, non-tenure-track teaching faculty positions at all levels beginning Fall 2023. George Mason University has a strong institutional commitment to the achievement of excellence and diversity among its faculty and staff, and strongly encourages candidates to apply who will enrich Mason's academic and culturally inclusive environment.

Candidates who are in a dual-career situation may be able to take advantage of the university's support for dual-career recruitment.

Responsibilities:

Successful candidates will be expected to teach primarily at the undergraduate level; advise undergraduate students; participate in the department's educational mission; and embrace and help advance the University's

strong commitment to diversity, equity and inclusion. Qualified candidates may also have the opportunity to teach at the graduate level. The Department is currently based on Mason's Fairfax campus, but plans are underway to expand the Department's presence at the Mason Square campus in Arlington, where there will be additional opportunities for teaching.

Required Qualifications:

Applicants for Term Assistant Professor positions must have received a PhD in Computer Science or a related field by the start date of the position. Senior applicants with a record of outstanding teaching may be considered for higher ranks. Applicants who have received an MS in Computer Science or a related field by the start date of the position will be considered for Term Instructor positions. Candidates may also be considered who hold a degree in some other field but have significant experience teaching computer science. All applicants should possess a strong commitment to and demonstrated excellence in teaching.

Preferred Qualifications:

While applicants in all areas of computer science will be given serious consideration, we are particularly interested in candidates in the areas of computer science education, software engineering, programming languages, databases, security, ethics, and data analytics. Administrative and/or managerial experience is a plus. The Department and the College place high value on engaging students from traditionally underrepresented groups, and candidates from these groups are especially encouraged to apply.

About the Department:

The Department of Computer Science has 21 teaching-track faculty and 57 tenured and tenure-track faculty with wide-ranging research interests, and strong research groups in cybersecurity, systems and networks, machine learning and data mining, artificial intelligence, robotics, visual computing, theory, databases, bioinformatics, HCI, and software engineering. The department has seen a substantial increase in computer science majors as enrollment has grown from 550 undergraduates in 2012 to over 2,200 today. The department has nearly 200 PhD students and over 950 Masters students enrolled in four MS programs.

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Special Instructions to Applicants

For full consideration, applicants must apply for position number F825AZ; at <https://jobs.gmu.edu>, complete and submit the online application; and upload a statement of professional goals including

your perspective on teaching and research (to attach as 'Other Doc'), a complete CV with publications, a statement on what diversity and inclusion means to you (to attach as 'Other Doc 2'), and the names of three professional references with contact information. The review of applications will begin December 2, 2022, and will continue until filled.

George Mason University

Department of Information Sciences and Technology

Multiple Open-Rank, Tenured/Tenure-Track Faculty Positions

The George Mason University Department of Information Sciences and Technology, within the College of Engineering and Computing (CEC), invites applications for multiple tenured or tenure-track faculty positions beginning Fall 2023. Senior candidates with established records of outstanding research and excellent teaching will be eligible for tenured associate professor or professor positions. George Mason University has a strong institutional commitment to the achievement of excellence and diversity among its faculty and staff, and strongly encourages candidates to apply who will enrich Mason's academic and culturally inclusive environment.

Responsibilities:

Successful candidates will be expected to teach at the undergraduate and graduate levels; develop an independent, externally funded research program; advise students; participate in all aspects

of the department's mission; and serve the profession.

Required Qualifications:

Applicants must have received a PhD in Information Science, Information Technology, Information Systems, Computer Science, or a related field by the start date of the position and should have demonstrated potential for excellence and productivity in research, and a commitment to high-quality teaching.

Preferred Qualifications:

Applicants in all areas of information science and technology, computing, and related areas will be given full consideration. We are particularly interested in candidates in the areas of artificial intelligence (including machine learning, natural language processing, computer vision, and knowledge engineering), data mining and analytics, cybersecurity, human centered computing (including information visualization, human computer interaction, social computing, pervasive & ubiquitous computing), network science, cloud computing, and information system design. Strong candidates from other areas will be also considered.

About the Department:

The Department of Information Sciences and Technology (IST) has 44 full-time faculty members with diverse areas of research focus including cybersecurity, data mining and machine learning, natural language processing, human-centered computing, ubiquitous and mobile computing, cyber-physical systems, and engineering education. IST has one of the largest and fastest growing undergraduate major in

the university, the ABET-accredited and N-CAE-CD-validated BS in Information Technology, serving more than 1,800 students. Additionally, the department has about 130 graduate students in the MS in Applied Information Technology (AIT) program and co-coordinates the MS in Information Systems program. The online MS programs in IT ranked 26th among public universities and 37th overall according to U.S. News and World Report. In addition to BS and MS programs, the department also participates in an interdisciplinary BS program in Cyber Security Engineering, MS program in Data Analytics Engineering, and a PhD program in Information Technology (concentration in IST) offered by the College of Engineering and Computing. Research expenditures of the IST department totaled about \$2.2 million in FY 2022. Funding sources include NSF, DOD, DARPA, NIH, and DHHS. Faculty include NSF CAREER and NSF CRII awardees.

For more information on the department, please visit our website: <http://ist.gmu.edu/>

Mason Computing: The Future of Computing is Here

The College of Engineering and Computing at George Mason University is comprised of the Volgenau School of Engineering and the School of Computing. The College is a fast-growing force for innovation in research and education. Ranked nationally in the top 100 in both undergraduate and graduate education, the College boasts 10,000 students in 37 undergraduate, master's, and doctoral degree programs, including several first-in-the-nation offerings. Of the 302 full-time faculty who comprise the College, 93 are tenured,

75 are tenure-track, 82 are instructional faculty, and 52 are research faculty. As part of a nationally ranked research university, its research teams expended more than \$70 million in sponsored research awards last year and have projects with over \$400 million in current and anticipated awards. Located in the heart of Northern Virginia's technology corridor, Mason Engineering stands out for its research in many leading areas including artificial intelligence, data analytics engineering, cybersecurity engineering, biomedical imaging and devices, autonomous systems, 5G communications, systems architectures, computational biomedicine, community-based healthcare, advanced materials and manufacturing, sustainable infrastructure, and more. The College highly encourages multidisciplinary research and provides faculty with opportunities to work with other disciplines.

George Mason University is the largest and most diverse public research university in Virginia, with an enrollment of 40,000 students studying in over 200 degree programs. Mason is an innovative, entrepreneurial institution with national distinction in a range of academic fields. It was classified as an R1 research institution in 2016 by the Carnegie Classifications of Institutes of Higher Education. Mason is located in the city of Fairfax in Northern Virginia at the doorstep of the Washington, D.C., metropolitan area, with unmatched geographical access to several federal agencies and national laboratories. Northern Virginia is also home to one of

the largest concentrations of high-tech firms in the nation, providing excellent opportunities for interaction with industry. Fairfax is consistently rated as being among the best places to live in the country and has an outstanding local public school system.

In conjunction with Amazon's decision to establish a second headquarters in Northern Virginia, the Commonwealth of Virginia announced a multi-year plan to invest in the growth of degree programs in computing. George Mason University has committed to accelerate its plans to increase its capacity in engineering and computing. Some of the university's exciting plans are the launch of the Institute for Digital InnovAtion, a university think tank and incubator to serve the digital economy, and the expansion of its Arlington Campus with a 360,000 square foot building—Fuse at Mason Square. Fuse will become the nexus of Mason's transdisciplinary research, entrepreneurship, and academic program efforts in digital innovation, and will unite the public and private sectors in a collaborative alliance to address the world's grand challenges.

Special Instructions to Applicants

For full consideration, applicants must apply for position number **F815AZ** at <https://jobs.gmu.edu/>; complete and submit the online application; and upload a statement of professional goals including their perspective on teaching and research (to attach as 'Other Doc'), a complete CV with publications, a statement on what diversity and inclusion

means to them (to attach as 'Other Doc 2'), and the names of three professional references with contact information.

The review of applications will begin on December 10, 2022 and continue until the positions are filled.

George Mason University is an equal opportunity/affirmative action employer, committed to promoting inclusion and equity in its community. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability or veteran status, or any characteristic protected by law.

George Mason University

Department of Information Sciences and Technology

Multiple Open-Rank, Term Faculty Positions

The George Mason University Department of Information Sciences and Technology, within the College of Engineering and Computing (CEC), invites applications for multiple renewable-term, non-tenure-track positions at the academic rank of Assistant, Associate or Full Professor, or at the rank of Instructor, beginning Fall 2023. George Mason University has a strong institutional commitment to the achievement of excellence and diversity among its faculty and staff, and strongly encourages candidates to apply who will enrich Mason's academic and culturally inclusive environment.

Responsibilities:

The candidate will be responsible for teaching and service requirements consistent with the departmental policies:

- Teaching at the undergraduate and/or graduate-level in the classroom and/or online;
- As department needs dictate, developing and coordinating courses and managing adjunct faculty and graduate teaching assistants;
- Participating in student advising; and
- Performing other departmental/university service duties.

Required Qualifications:

Applicants for the position of Assistant/ Associate or Full Professor must have received a PhD in Information Sciences, Information Technology, Computer Science or a related field by the start date of the position. Senior candidates for Associate Professor or Professor positions should also have an established record of teaching experience. Applicants who have received an MS/MA in the fields listed above or an MBA/MPA with a significant portion of the program devoted to Information Technology by the start date of the position will be considered for Instructor positions. Applicants should possess a strong commitment to education and demonstrated excellence in teaching.

Preferred Qualifications:

Applicants in all areas of information technology will be given serious consideration. We are particularly interested in candidates in the areas of cloud computing, data science, cyber/information security, databases,

web application development and programming, operating systems, project management, and senior design capstone. Strong candidates will have related industry and/or teaching experience in these areas, preferably both. Administrative and/or managerial experience is a plus. The Department and the College place a high value on engaging students from traditionally underrepresented groups, and candidates from these groups are especially encouraged to apply.

About the Department:

The Department of Information Sciences and Technology (IST) has 44 full-time faculty members with diverse areas of research focus including cybersecurity, data mining and machine learning, natural language processing, human-centered computing, ubiquitous and mobile computing, cyber-physical systems, and engineering education. IST has one of the largest and fastest growing undergraduate major in the university, the ABET-accredited and N-CAE-CD-validated BS in Information Technology, serving more than 1,800 students. Additionally, the department has about 130 graduate students in the MS in Applied Information Technology (AIT) program and co-coordinates the MS in Information Systems program. The online MS programs in IT ranked 26th among public universities and 37th overall according to U.S. News and World Report. In addition to BS and MS programs, the department also participates in an interdisciplinary BS program in Cyber Security Engineering, MS program in Data Analytics Engineering, and

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communications, systems architectures, computational biomedicine, community-based healthcare, advanced materials and manufacturing, sustainable infrastructure, and more. The College highly encourages multidisciplinary research and provides faculty with opportunities to work with other disciplines.

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George Washington University

Computer Science Tenure Track Assistant, Associate, or Full Professor

The Department of Computer Science at The George Washington University invites applications for a tenure track position at the Assistant, Associate or Full Professor level, beginning as early as Fall 2023. This position is part of the School of Engineering and Department of Computer Science strategic initiative in the area of Trustworthy AI systems, and targets applicants with research expertise in all aspects of artificial intelligence and machine learning, broadly interpreted. This initiative has broad support from the school, large NSF grants, and local industrial partners, and integrates perspectives from Computer Science, Systems Engineering, Statistics, to focus on understanding and/or developing AI algorithms in the context of their impact on complex systems and society.

New faculty will join a vibrant department and school with diverse faculty, housed in a new \$275M building that encourages interdisciplinary efforts across many fields. The School of Engineering and Applied Science is fundamentally committed to increasing the diversity of its faculty and staff and has one of the highest percentages of women engineering students nationally. We welcome nominations of and applications from women, members of underrepresented groups, veterans and individuals with disabilities. We also welcome others who would bring

additional aspects of diversity to the university's research, teaching and service missions.

The George Washington University is the largest academic institution in the nation's capital. The exceptional location affords the GW community unique cultural and intellectual opportunities. Close access to many federal funding agencies, research laboratories, and one of the largest concentrations of technology companies in the nation supports high impact research agendas and creates opportunities for two career couples.

Responsibilities

Faculty hired into this position will be expected to build a substantial research program, mentor graduate students in research and teach courses at the undergraduate and graduate levels.

Minimum Qualifications

A Ph.D. in computer science or a related area by date of appointment is required. Applicants must demonstrate potential for developing a quality research program, attracting research funding, and outstanding teaching at both the undergraduate and graduate levels.

Enquiries and Application:

To enquire, please email to cssearch@gwu.edu or call 202-994-7181. To apply, complete the online faculty application, at <https://www.gwu.jobs/postings/98078> and upload: (1) a detailed CV or resume; (2) a research statement; (3) a teaching statement; and (4) a cover letter that describes your goals and why you are applying to this position.

For applicants at the level of Assistant Professor, please include a list of 3 references, and for more senior applicants, 5 references, who can address the research and teaching skills necessary for this appointment. Only complete applications will be considered.

Review of applications will begin January 3, 2023 and will continue until the position is filled.

EEO/AA Policy: The George Washington University is an Equal Opportunity and Affirmative Action Employer that does not unlawfully discriminate in any of its programs or activities on the basis of race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, gender identity expression, or on any other basis prohibited by applicable law.

BACKGROUND SCREENING STATEMENT: Employment offers are contingent on the satisfactory outcome of a standard background screening

Georgia Institute of Technology

Faculty Positions in Computational Science and Engineering

The School of Computational Science and Engineering (CSE) at Georgia Institute of Technology in Atlanta, Georgia, has multiple openings for Assistant Professor (tenure-track); openings for Associate Professor and Professor are also available. CSE focuses on foundational, interdisciplinary research that enables advances in science, engineering, medical,

and social domains. Core research areas in CSE include high-performance computing, scientific and numerical computing, modeling and simulation, discrete algorithms, and data analytics (including machine learning and artificial intelligence). Duties include teaching 2 courses per year. A PhD degree is required in a discipline relevant to CSE, including Computer Science, Mathematics, Engineering, or Science.

To apply, visit <https://cse.gatech.edu/content/faculty-hiring/>. Questions can be sent to CSE-recruiting@cc.gatech.edu.

For full consideration, applications are due by December 1, 2022.

Georgia State University

Postdoctoral Research Fellow Positions in Trustworthy AI/ Private AI

Two open Postdoctoral Research Fellow positions in Trustworthy AI.

Apply at <https://tinyurl.com/yc2wxm98>

Georgia State University

Department of Computer Science Assistant/Associate Professor: Trustworthy Artificial Intelligence (AI)

The Department of Computer Science at Georgia State University invites qualified applications for a tenure-track Assistant/ Associate Professor position to support the development of research in the area of Trustworthy Artificial Intelligence (broadly defined) to begin Fall 2023. Applications with expertise in all areas

within Trustworthy AI, including but not limited to Safe and Secure AI, Private AI, Robust and Reliable AI, Explainable AI, Human-Centered AI, Responsible AI, and Fairness, Accountability, Transparency, and Ethics (FATE) in AI will be considered.

Applicants must have a Ph.D. degree in computer science or related discipline from a nationally accredited university or international equivalent. Successful candidates must have a strong commitment to academic and research excellence, and an outstanding research record commensurate with the expectations of a major research university, and the ability to teach graduate and undergraduate classes in computer science.. Candidates at the rank of Associate Professor must show evidence of established publication and national/industry funding records.

For more information about the position and to apply, please visit <https://academicjobsonline.org/ajol/jobs/23210>

Hanover College

Assistant or Associate Professor of Computer Science Tenure-Track

Hanover College invites applications for a tenure-track position in *Computer Science* at the Assistant or Associate Professor level to begin August 2023. We are particularly looking for candidates with systems expertise and a passion for teaching at the undergraduate level. Successful candidates will be able to teach existing systems courses (networks, operating systems) as well

as new courses in systems areas such as security, parallel and distributed computing, or cloud computing. The 3-3-1 annual teaching schedule includes a range of core and elective CS courses.

For a full job description and to apply, please visit <https://hanover.hirecentric.com/jobsearch/>.

Hanover College is an Equal Opportunity Employer committed to providing an inclusive, welcoming, and diverse college environment. We embrace diversity and encourage all who are interested to apply.

High Point University

Department Chair in Computer Science (Open-Rank Tenure Track)

The Department of Computer Science at High Point University invites applications for a full-time, 9-month, Department Chair/faculty position at the Assistant/Associate/Full Professor rank. The successful candidate will maintain a record of scholarship including mentoring undergraduate student research (as appropriate), undergraduate student advisement, assistance in developing and advancing the curriculum, commitment to program assessment, and collaboration with related academic programs.

The Department Chair directly reports to the Dean and is the administrative head of the Department and is responsible for effective operation of all aspects of that department.

For complete job description and list of qualifications, please go to:

https://highpoint.wdl.myworkdayjobs.com/en-US/Highpoint-Faculty/details/Department-Chair-Faculty-Position--Computer-Science--Open-Rank--Tenure-Track_R0005039.

For more information regarding this position, please contact: Dr. Michael Oudshoorn, Dean, School of Engineering at moudshoo@highpoint.edu.

Foreign nationals who are resident in the US will be considered for this position. Applications will be accepted until the position is filled. The anticipated start date for this position is as early as August 14, 2023.

High Point University

Computer Science Faculty Positions - Cybersecurity, Data Science

High Point University invites applications for multiple positions in Computer Science, to start in August 2023.

Expertise in Cybersecurity or Data Science is especially valued. This is an ideal position for educators who are passionate about undergraduate teaching and who want to work at a student-centered institution where we strive for a balance of professional education within a liberal arts environment.

For more information and to apply, visit <https://highpoint.wdl.myworkdayjobs.com/Highpoint-Faculty>.

Review of applications will continue until the position is filled, and full consideration will be given to all applications received by November 15, 2022.

Hofstra University

Assistant/Associate Professor of Computer Science

The Department of Computer Science at Hofstra University invites applications for four tenure-track faculty positions at the Assistant Professor or Associate Professor level to begin in Fall 2023. Strong candidates in all areas of computer science are encouraged to apply. Faculty members are expected to be capable of teaching a range of courses. Preference will be given to candidates in the areas of Cybersecurity, Computer Engineering, Computer Architecture, Parallel Processing, Robotics, or Embedded Systems. Applicants are expected to have completed a Ph.D. in Computer Engineering, Computer Science, or a closely related field by September 1, 2023. Successful candidates will have demonstrated a commitment to promoting equity, diversity and inclusion in an educational environment.

The department offers BA, BS, and MS degrees in Computer Science, a BS in Computer Engineering, MS in Data Science, and BS and MS degrees in Cybersecurity. The BS programs in Computer Engineering and Computer Science are accredited by ABET. In June 2023, the Department of Computer Science will be relocating to a new \$75M Science and Innovation Center currently nearing completion. The state-of-the-art building will house the most powerful computational capability, a wide variety of cloud services on campus, and include a GPU Cluster.

For consideration, interested applicants should submit the following along with

the application at <https://hofstra.peopleadmin.com/postings/286>

- Cover letter
- Curriculum vitae
- Names and contact information for three references
- Statement of teaching experience and philosophy
- Statement of current research interests and anticipated future research projects
- Two sample publications

Hofstra University is an equal opportunity employer, committed to fostering diversity in its faculty, administrative staff and student body, and encourages applications from the entire spectrum of a diverse community.

The Hong Kong University of Science and Technology (Guangzhou)

Open Rank Faculty Positions in Financial Technology Thrust

Department: Financial Technology Thrust, The Hong Kong University of Science and Technology (Guangzhou)

In the rapidly changing environment of the 21st century, there is an increasing need to forge bridges across disciplines to address emerging challenges and problems. Through its commitment to academic excellence, The Hong Kong University of Science and Technology (HKUST) has developed world-class strengths in many subjects over its short 30-year history. With a strong track record of cultivating high end talents and

nurturing future leaders for academia and industry, HKUST is well positioned to craft an innovative approach to cross-disciplinary education and research in its Guangzhou campus. The Hong Kong University of Science and Technology (Guangzhou) (HKUST(GZ)), and meet the needs of an ever-evolving world.

About HKUST Guangzhou Campus [<https://hkust-gz.edu.cn/>]

HKUST(GZ) offers a unique educational environment with four trans-disciplinary hubs and sixteen thrust areas. HKUST(GZ) offers superb research facilities, attracting top international faculty and students to conduct curiosity-driven and goal-oriented research to address the world's pressing scientific and technological challenges. English is the medium of instruction and administration at HKUST(GZ).

HKUST(GZ) is situated in Nansha District, Guangzhou, which is right in the center of the Greater Bay Area, one of the most vibrant and dynamic regions in the world, neighboring Shenzhen, Hong Kong, and Macao.

Job Posting Details

The Financial Technology Thrust of Society Hub of The Hong Kong University of Science and Technology (Guangzhou) invites applications for tenure-track/tenured positions at all ranks (Assistant Professor / Associate Professor / Professor) in all fields of FinTech. For more information about the Fintech Thrust, please visit <https://hkust-gz.edu.cn/academics/four-hubs/society-hub/financial-technology>.

We seek talents in the cutting-edge research in FinTech. Applicants must have PhD degrees in FinTech or related fields, e.g., computational mathematics, computer science, economics, finance, financial engineering, information systems, machine learning, mathematical finance, operations research, optimization, probability, and statistics.

Areas of interest include but are not limited to:

- Blockchain technologies, smart contracts, and digital currencies
- Robo-advising, quantitative investing, and risk management
- Machine learning, artificial intelligence, and big data analytics in finance
- Technological innovations for financial services
- Regulatory issues and challenges in FinTech
- Digital economy and financial inclusion

Remuneration and Conditions of Service

Salary is highly competitive. Fringe benefits include annual leave, medical and dental benefits. Housing benefits will also be provided where applicable. Appointment at Professor rank will be on substantive basis. Appointment at Associate Professor may be with or without substantiation. Initial appointment for Assistant Professor or Associate Professor (without substantiation) will normally be on a three-year contract, renewable subject to mutual agreement.



Founding Tenured/Tenure-Track Faculty

The Hong Kong University of Science and Technology (HKUST) is a leading international university ranked 3rd by Times Higher Education Young University Rankings 2022 and 34th by QS World University Rankings 2022. HKUST establishes HKUST(GZ) in Guangzhou, China (hkust-gz.edu.cn). HKUST(GZ) synergizes with and maintains the same academic standard as HKUST. Microelectronics Thrust is an academic department in HKUST(GZ) and focuses on integrating novel devices into circuits, architecting information systems, and automating their designs and optimizations. English is the instruction and administration medium at HKUST(GZ), and a good command of written and spoken English is required.



OPENINGS in Microelectronics Thrust are tenured/tenure-track positions at the ranks of Assistant Professor, Associate Professor, and Professor with the following basic requirements.

- Applicants of tenure-track Assistant Professor should demonstrate strong research and teaching potentials.
- Applicants of Associate Professor should have a proven record in research, teaching, student supervision, and funding.
- Applicants of Professor should have world-class academic achievements, international academic leadership, and an established track record in teaching, student supervision and funding.

APPLICANTS should have a PhD degree and research in areas such as the following.

- Electronic design automation; photonic design automation; hardware-software codesign; modeling and simulation technology
- Processor, memory, and storage system architecture; reconfigurable architecture; interconnection network; multiprocessor
- HPC and data center; embedded system; system-on-chip; system-in-package; power management; thermal management
- Quantum computing; neural computing; approximate computing
- Compilation techniques; operating system; system software
- RF/mm-Wave/terahertz technology; integrated photonic circuit; memory device; quantum device; emerging technology

SALARY is of international standard and highly competitive. Generous research funding, ample laboratory space, and excellent research equipment and support will be provided. All the positions are in mainland China and offered by the HKUST(GZ) in accordance with the local employment laws and regulations. The appointments to Full Professor and Associate Professor will be made on substantive basis. The initial appointments to Assistant Professor will be made on a fixed-term contract of up to three years, and re-appointments thereafter will be subject to performance and mutual agreement.

APPLICATIONS should be submitted at <https://facrecruit.hkust.edu.hk> which will be open until the positions are filled. If there is any question, please contact the Acting Department Head, Prof. Jiang Xu, at jiang.xu@ust.hk. HKUST(GZ) is committed to equal opportunity and diversity in recruitment and employment. We strongly encourage candidates of diverse backgrounds to apply. You can find a list of our existing faculty at <https://facultyprofiles.hkust-gz.edu.cn/thrust-faculties?code=10011A1000000000H22>.



Application Procedure

Please submit the application via the HKUST/HKUST(GZ) Recruitment System (<https://facrecruit.hkust.edu.hk/>). You should first sign up to create your personal account.

For more information, please visit the recruitment website (<https://gz-faculty-recruitment.hkust.edu.hk/>).

Review of applications will continue until all positions are filled.

For questions regarding the recruitment system or general inquiries, please reach us at facultyhire@ust.hk. For Hub/Thrust specific questions, please address to Society Hub: gzrecruitSOC@ust.hk or Fintech Thrust: ftect@hkust-gz.edu.cn with subject title of "Faculty Application to FTEC".

Illinois Institute of Technology

Faculty Positions In Computer Science

The Department of Computer Science at Illinois Institute of Technology invites applications for tenure track and teaching track (Assistant Teaching Professor and/or Associate Teaching Professor) faculty positions in all areas, with particular interest in cybersecurity and artificial intelligence. Appointments start in Fall 2023.

Tenure track applications are being accepted online at <https://academicjobsonline.org/ajo/jobs/23124> (tenure track) and <https://academicjobsonline.org/ajo/jobs/23141> (teaching track).

We seek strong candidates in all areas of computer science. Tenure track applicants must have a Ph.D. in computer science or a closely related field at the start of the appointment and should have demonstrated research accomplishment, a record of attracting external research funding where appropriate to their rank, and a commitment to teaching. Teaching track candidates must have an M.S. or Ph.D. in Computer Science or a closely related field, with demonstrated excellence in teaching and developing instructional materials in the field.

The Department of Computer Science is part of the College of Computing and offers a range of bachelor's, master's, and Ph.D. degrees in Computer Science and related areas.

The department is in a significant growth phase as part of the university's strategic plan, seeking to ambitiously grow its faculty and its impact during the coming years. It is also launching diverse new interdisciplinary programs as part of the university's new College of Computing, and has strong growing partnerships with Chicago's tech community.

Illinois Institute of Technology, a private, technology-focused research university, is located just 10 minutes from downtown Chicago in the historic Bronzeville neighborhood. The university has a long history of strong partnerships and collaborations with the Bronzeville community, local companies, government labs, and nonprofits.

Illinois Institute of Technology is an EEO/AA/Title VI/Title IX/Section 504/ADA/

ADEA employer committed to enhancing equity, inclusion and diversity within its community. It actively seeks applications from all individuals regardless of race, color, sex, marital status, religion, creed, national origin, disability, age, military or veteran status, sexual orientation, and/or gender identity and expression. All qualified applicants will receive equal consideration for employment. Applicants should apply online at <https://academicjobsonline.org/ajo/jobs/23124> (tenure track) or <https://academicjobsonline.org/ajo/jobs/23141> (teaching track).

Review of applications will begin November 15, 2022, and continue until all available positions are filled.

Indiana University Bloomington

Chair, Department of Intelligent Systems Engineering / Tenured Full or Associate Professor

The Luddy School of Informatics, Computing, and Engineering at Indiana University Bloomington (IUB) invites applications for Chair of the Department of Intelligent Systems Engineering (ISE), a full-time tenured faculty position to begin on or before August 1, 2023. We expect to fill the position at the full professor level but exceptional candidates at the associate professor level may be considered. The newly appointed department chair will additionally hold the title of Luddy Endowed Chair. ISE is IUB's first engineering department and is rapidly growing and highly diverse,

with research foci ranging from high-performance computing to experimental bioengineering and robotics.

The Luddy School seeks a dynamic individual with an international reputation and experience working in rapidly expanding intellectually diverse interdisciplinary organizations. The Chair of ISE is responsible for providing vision, developing strategic ideas, and ensuring successful development of the future of Intelligent Systems Engineering at Indiana University Bloomington. Duties will include research, teaching, and service.

Successful candidates will have the strong administrative, managerial, development, and communication skills necessary to forge cohesiveness, increase the profile of, and grow the highly interdisciplinary Intelligent Systems Engineering department. Candidates should also have an appreciation of and commitment to diversity and inclusion in higher education and working with diverse student populations. Women and minorities are encouraged to apply.

Minimum Qualifications: Candidates should hold a doctoral degree in engineering or a field related to one of the ISE track areas (bioengineering, computer engineering, cyber-physical systems, environmental engineering, intelligent systems, molecular and nanoscale engineering, and neuroengineering), a distinguished record of scholarship, teaching, and professional experience appropriate for a tenured professorship at Indiana University Bloomington, and experience leading a complex organization.

Applications received by January 1, 2023 are preferred and will receive full consideration; however, the search will remain open until a suitable candidate is found. Interested candidates should review application requirements, learn more about ISE, Luddy School, and employee benefits, and apply online at:

<https://indiana.peopleadmin.com/postings/14628>

Questions, nominations, and confidential inquiries may be sent to the Luddy Senior Executive Associate Dean, Erik Stolterman (estolter@indiana.edu).

The Luddy School of Informatics, Computing, and Engineering (<https://luddy.indiana.edu/>) is among the largest computing schools in the country. It includes computer science, informatics, library and information science, intelligent systems engineering, and data science, and has 144 faculty, 1,780 graduate students, and 1,800 undergraduate majors. It offers Ph.D.'s in computer science, informatics, information science, and intelligent systems engineering.

Bloomington is a culturally thriving college town with a moderate cost of living and the amenities for an active lifestyle. IU is renowned for its top-ranked music school and performing and fine arts.

Indiana University is an equal employment and affirmative action employer and a provider of ADA services. All qualified applicants will receive consideration for employment based on individual qualifications. Indiana University prohibits discrimination based on age,

ethnicity, color, race, religion, sex, sexual orientation, gender identity or expression, genetic information, marital status, national origin, disability status or protected veteran status.

Before a conditional offer of employment with tenure is finalized, candidates will be asked to disclose any pending investigations or previous findings of sexual or professional misconduct. They will also be required to authorize an inquiry by Indiana University Bloomington with all current and former employers along these lines. The relevance of information disclosed or ascertained in the context of this process to a candidate's eligibility for hire will be evaluated by Indiana University Bloomington on a case-by-case basis. Applicants should be aware, however, that Indiana University Bloomington takes the matters of sexual and professional misconduct very seriously.

Indiana University-Purdue University at Indianapolis

Lecturer

The Purdue School of Engineering and Technology, Indiana University-Purdue University at Indianapolis (IUPUI) invites applications for three lecturers/senior lecturers in the area of Computer and Information Technology. The candidates should have an M.S. in Information Technology, Computer Science, Computer Engineering, or a closely related discipline from an accredited institution of higher education.

The first position is in Information Technology/Networking (see <https://indiana.peopleadmin.com/postings/14514>)

The second position is in Information Technology/Web and Mobile Application Development (see <https://indiana.peopleadmin.com/postings/14488>)

The third position is in Cybersecurity (see <https://indiana.peopleadmin.com/postings/14512>).

Questions about these positions may be directed to Sheila Walter at skwalter@iupui.edu. IUPUI is an equal opportunity/Title IX employer.

Indiana University-Purdue University Indianapolis

Purdue School of Engineering and Technology

Assistant Professor with focus in Cybersecurity

The Purdue School of Engineering and Technology, Indiana University-Purdue University Indianapolis (IUPUI) invites applications for one tenure track position in the Department of Computer Information and Graphics Technology. The start date is anticipated to be August 1, 2023. Applicants should have a strong record of research, show significant potential for establishing and sustaining an externally funded research program, be committed to teaching both undergraduate and graduate courses, and mentoring M.S. and Ph.D. students.

We are particularly interested in applicants whose research focuses

on Cybersecurity. Applicants whose research applies Cybersecurity to existing School strengths, such as Intelligent Transportation, IoT, Artificial Intelligence, and other areas of intelligent systems, are strongly encouraged to apply. A doctorate in Computer Science, Computer Engineering, Electrical Engineering, or a related discipline focusing on Cybersecurity is required by the start date of the position.

The Department of Computer Information and Graphics Technology offers several degrees, including a B.S. in Cybersecurity, an M.S. in Cybersecurity and Trusted Systems, and also participates in the Computer Engineering Ph.D. program. The Purdue School of Engineering and Technology at IUPUI has 7 academic departments with an extensive undergraduate and graduate degree portfolio, including numerous CAC, EAC, and ETAC of ABET accredited B.S. programs. The School has over 3,000 students, including approximately 500 graduate students pursuing either M.S. or Ph.D. programs.

As the state's premier urban research institution, IUPUI is committed to being a welcoming campus community that reflects and enacts the values of diversity, equity and inclusion that inform academic excellence. We seek candidates who will not only enhance our representational diversity but whose research, teaching, and community engagement efforts contribute to diverse, equitable, and inclusive learning and working environments for our students, staff, and faculty. IUPUI condemns racism in all its forms and has taken an anti-racist stance that moves

beyond mere statements to interrogating its policies, procedures, and practices. We hope to identify individuals who will assist in our mission to dismantle racism so that everyone has the opportunity to succeed at IUPUI. Applications must include a letter of interest, curriculum vitae, and a summary of scholarship including research and teaching interests, and contact information for at least three references.

Apply for this position at <https://indiana.peopleadmin.com/postings/14506>.

Applications are welcome until the position is filled. IUPUI is an Equal Opportunity/Affirmative Action educator and employer and affords reasonable accommodations to persons with disabilities.

Indiana University

Lecturer, Data Science

The Department of Human-Centered Computing, Indiana University School of Informatics and Computing (SoIC) at IUPUI, invites applicants for a Lecturer appointment in the area of Data Science. Exceptional instructors are being sought to join our fast-growing department.

The responsibilities of the position include teaching assigned courses in the Data Science graduate programs, developing courses for the traditional classroom setting, computer labs and for online education; help setting program and specialization goals, developing and continually updating the curriculum and training activities; contributing to the recruitment and marketing of the program; interviewing, evaluating and advising students; engaging in scholarly

activity related to teaching; serving as a member of SoIC, departmental and programs committees; maintaining current knowledge and skillset in the data science profession through active participation in professional organizations, collaboration, practice and research; and serving on professional committees. The teaching load for a Lecturer position is four courses per semester. The appointment will begin August 1, 2023, at the IUPUI campus.

As the state's premier urban research institution, IUPUI is committed to being a welcoming campus community that reflects and enacts the values of diversity, equity and inclusion that inform academic excellence. We seek candidates who will not only enhance our representational diversity but whose research, teaching, and community engagement efforts contribute to diverse, equitable, and inclusive learning and working environments for our students, staff, and faculty. IUPUI condemns racism in all its forms and has taken an anti-racist stance that moves beyond mere statements to interrogating its policies, procedures, and practices. We hope to identify individuals who will assist in our mission to dismantle racism so that everyone has the opportunity to succeed at IUPUI.

Fostering an inclusive environment makes us stronger. The Indiana University School of Informatics and Computing at IUPUI draws on the strengths of a diverse community of students, faculty, and staff to enrich the educational experience, broaden participation in computing, and meet the needs of emerging technology. SoIC is committed to actively recruiting and retaining students, faculty, and staff from

all backgrounds and cultures to join the next generation of innovators. We welcome what every individual brings to our learning environment—socially, geographically, and in thought and experience.

Review of applications will begin immediately, however, the position will remain open until filled.

Requirements for this appointment include a master's degree in computer science, data science or related fields. The ideal candidate will possess a minimum of five years of industry experience in the Data Science field, with at least one year of management experience; ability to teach a broad range of data science graduate courses; comprehensive and extensive knowledge and experience in data science methods and techniques. Demonstrated ability to learn new data science methods and approaches. A PhD degree in Computer Science, Data Science or related fields is preferred to teach at the graduate level.

Questions pertaining to this position may be directed to the Department Chair, Davide Bolchini at dbolchin@iupui.edu.

Applications may be submitted at <https://indiana.peopleadmin.com/postings/13739>.

Indiana University Bloomington

*Associate or Full Professor in Informatics
(director of human computer interaction/
design program)*

The Luddy School of Informatics, Computing, and Engineering (<https://luddy.indiana.edu/>) at Indiana University

(IU) in Bloomington, Indiana invites applications for a tenure-track or tenured Associate or Full Professor position in the Department of Informatics to begin on August 1, 2023 in the area of human computer interaction (HCI).

The Associate or Full Professor appointee will serve as the Director of our HCI/design (HCI/d) program (<https://hcid.luddy.indiana.edu/>), one of the most preeminent programs of its kind, with a nineteen-year history and an international reputation.

We are particularly interested in candidates who can teach and mentor students in any of the following areas (no order intended): Human Centered Computing, Human Computer Interaction (HCI) broadly defined, Ethnographic Methods in HCI, Design Oriented HCI, Sustainable Interaction Design (SID) or Sustainable HCI (SHCI), AI and HCI, Social Justice and HCI, UI/UX Design Strategy

We seek candidates prepared to contribute to our commitment to diversity and inclusion in higher education, especially those with experience in teaching or working with diverse student populations.

<https://luddy.indiana.edu/about/diversity/strategic-plan-for-inclusive-excellence.html>

The HCI/d Director duties will include both online and in person teaching, research, service, and mentorship of students at the undergraduate, M.S., and PhD levels as well as formulating and coordinating industry partnerships for teaching and learning. The HCI/d Director will be part of the HCI/d faculty and will participate in course, curriculum, and overall program design.

Applicants should have an established record of excellence in research and teaching, and a PhD in, Informatics, Computer Science, HCI, Design, or a related area.

Applications received before December 1, 2022 will be assured full consideration; however, the search will remain open until a suitable candidate is found. Candidates should review application requirements, become informed about IU, the Luddy School, and its many opportunities, and apply online at:

<https://indiana.peopleadmin.com/postings/14025>

Questions and confidential inquiries may be sent to Professors and Search Committee Co-Chairs Patrick C. Shih (patshih@indiana.edu) and Selma Sabanovi (selmas@indiana.edu).

Indiana University is an equal employment and affirmative action employer and a provider of ADA services. All qualified applicants will receive consideration for employment based on individual qualifications. Indiana University prohibits discrimination based on age, ethnicity, color, race, religion, sex, sexual orientation, gender identity or expression, genetic information, marital status, national origin, disability status or protected veteran status.

Before a conditional offer of employment with tenure is finalized, candidates will be asked to disclose any pending investigations or previous findings of sexual or professional misconduct. They will also be required to authorize an inquiry by Indiana University Bloomington

with all current and former employers along these lines. The relevance of information disclosed or ascertained in the context of this process to a candidate's eligibility for hire will be evaluated by Indiana University Bloomington on a case-by-case basis. Applicants should be aware, however, that Indiana University Bloomington takes the matters of sexual and professional misconduct very seriously.

INSAIT

Open Tenure-track and Tenured Faculty Positions

The Institute for Computer Science, Artificial Intelligence, and Technology (*INSAIT*), created in partnership with Switzerland's ETH Zurich and EPFL and Bulgaria's Sofia University, seeks candidates for *faculty positions* starting immediately, or on a mutually agreed date thereafter.

Founded in 2022 and located in Sofia, Bulgaria, INSAIT's mission is to become a world-class computer science and artificial intelligence research institution. As such, INSAIT is structured similarly to top graduate U.S. and European institutions and provides outstanding working conditions, in terms of facilities, packages and salaries.

We welcome excellent faculty applicants in all areas of computer science and artificial intelligence, both tenure-track faculty as well as tenured researchers. Faculty duties involve supervision of graduate students as well as teaching graduate courses. Opportunities to

supervise B.Sc. and M.Sc. dissertations are also possible due to INSAIT being well integrated with the local university.

To be eligible for this position candidates should:

- have earned a Ph.D. in computer science or closely related areas by the start of the position.
- demonstrate evidence they are able to pursue a strong and independent research program.
- have a strong commitment to teaching graduate courses.

Applications must include a curriculum vitae (CV), a research statement (up to 5 pages) and a teaching statement (up to 2 pages). Further, the application should provide the names and email addresses of three or more referees. The referees should be professionally established researchers who know the candidate well, both academically and personally. It is the responsibility of the candidate to arrange reference letters to be sent to contact@insait.ai.

Applications received before January 15, 2023 will be assured full consideration; however, we will continue accepting applications until the positions are filled.

When ready to apply, go to: <https://insait.ai/join-as-faculty/>.

INSAIT is a strong proponent of equal opportunities, diversity, and inclusion, and as such, we strive to offer equal opportunities and access to all candidates regardless of their race, colour, ethnic or social origin, genetic features, language, religion or belief, political or

any other opinion, minority membership, disability, age, gender identity, or any other protected characteristic. We strongly welcome applications from all under-represented groups in the field.

Iowa State University

Researcher, Engineer, and Manager Positions in Wireless Systems and Rural Broadband

The Center for Wireless, Communities and Innovation (<https://wici.iastate.edu/>) at Iowa State University has several Researcher, Engineer, and Manager positions for research, development, innovation, and entrepreneurship in advanced wireless (e.g., 5G and beyond), rural broadband, and applications. The positions offer opportunities of contributing to exciting projects such as the \$16M ARA PAWR project (<https://arawireless.org>), \$20M ICICLE AI Institute project (<https://icicle.ai>), OPERA open-source ecosystem project (<https://wici.iastate.edu/opera>), and other projects of the WiCI Center (<https://wici.iastate.edu/projects>).

For details, please check out <https://wici.iastate.edu/career/>.

John Jay College

Department of Mathematics and Computer Science

Multiple Faculty Positions

John Jay College of Criminal Justice is a senior college of the City University of New York (CUNY) is an internationally recognized leader in educating for justice and committed to the advancement of

justice and just societies around the world. John Jay is a Hispanic-serving institution; it is ranked third in the nation in black student success and is a top ten institution for promoting student social mobility. John Jay is proud to serve a diverse and dynamic student body that includes nearly fifty percent students who are first in their family to attend college as well as students who are immigrants, from low-income families, or from other historically underrepresented groups.

Founded in 1964, John Jay College is known for preparing its 15,000 students to serve the public interest as ethical leaders and engaged citizens. A public liberal arts institution offering bachelors and master degrees and participating in the doctoral programs of the Graduate Center of the City University of New York, the College offers traditional criminal justice-related programs and a robust portfolio of liberal arts and sciences programs. These highlight themes of justice across the arts, sciences, humanities, and social sciences. Students can choose from 31 majors, 13 master's degree programs, and two doctoral programs. John Jay College seeks faculty members who thrive in multicultural academic environments and are committed to access and excellence in higher education.

We are currently inviting applications for the following faculty positions for Fall 2023:

Discipline: Department of Mathematics and Computer Science.

Rank: Assistant Professor (tenure-track)

Job ID: 25121

Closes: 12/18/2022

Discipline: Department of Mathematics and Computer Science

Rank: Lecturer (Two Positions)

Job ID: 25122

Closes: 12/18/2022

The successful applicants will teach at both the undergraduate and graduate levels, mentor undergraduate and graduate students, develop curricula, serve as course coordinators, and interact effectively with colleagues to support and enhance department culture. Candidates are expected to bring enthusiasm and demonstrated commitment to teaching and to develop and maintain an active research and publication agenda. Persons from demographic groups underrepresented in the profession are encouraged to apply. For more information about the positions and to apply, please refer to <http://www.jjay.cuny.edu/employment-opportunities>

CUNY encourages people with disabilities, minorities, veterans and women to apply. At CUNY, Italian Americans are also included among our protected groups. Applicants and employees will not be discriminated against on the basis of any legally protected category, including sexual orientation or gender identity. EEO/AA/Vet/Disability Employer.

Johns Hopkins University

Tenure-Track Faculty, Department of Computer Science

The Johns Hopkins University's Department of Computer Science invites applications for tenure-track faculty positions at all levels

Professional Opportunities

and across all areas of computer science. We are particularly interested in applicants in computer vision, networked systems, theoretical computer science, and machine learning. The search will concentrate on candidates applying at the Assistant and Associate Professor levels. However, all qualified applicants will be considered.

The Department of Computer Science has 32 full-time tenured and tenure-track faculty members, 7 research and 8 teaching faculty members, 225 PhD students, over 200 MSE/MSSI students, and over 700 undergraduate students. There are several affiliated research centers and institutes including the *Center for Computational Biology (CCB)*, the *Laboratory for Computational Sensing and Robotics (LCSR)*, the *Center for Language and Speech Processing (CLSP)*, the *JHU Information Security Institute (JHU ISI)*, the *Institute for Data Intensive Engineering and Science (IDIES)*, the *Malone Center for Engineering in Healthcare (MCEH)*, the *Institute for Assured Autonomy (IAA)*, and the *Mathematical Institute for Data Science (MINDS)*. More information about the Department of Computer Science can be found at <https://www.cs.jhu.edu> and about the Whiting School of Engineering at <https://engineering.jhu.edu>.

The department is conducting a broad and inclusive search and is committed to identifying candidates who through their research, teaching and service will contribute to the diversity and excellence of the academic community. More information on diversity and inclusion in the department is available at <https://www.cs.jhu.edu/diversity/>.



**JOHNS HOPKINS
UNIVERSITY**

**Human Language Technology
Center of Excellence**

The HLTCOE is hiring excellent speech, NLP, and Computer Vision researchers to join our team. We have immediate openings for non-tenure track Research Scientists at all levels of experience, as well as for post-doctoral fellows. Please view current opportunities at <https://hlcoe.jhu.edu/opportunities/>.
We welcome all inquiries: hlcoe-hiring@jhu.edu.

Applicants should submit a curriculum vitae, a research statement, a teaching statement, three recent publications, and complete contact information for at least three references.

Applications must be made on-line at <http://apply.interfolio.com/116081>. While candidates who complete their applications by January 6, 2023 will receive full consideration, the department will consider applications submitted after that date. Questions may be directed to fsearch2022@cs.jhu.edu.

The Johns Hopkins University is committed to equal opportunity for its faculty, staff, and students. To that end, the university does not discriminate on the basis of sex, gender, marital status, pregnancy, race, color, ethnicity, national origin, age, disability, religion, sexual orientation, gender identity or expression, veteran status or other legally protected characteristics. The university is committed to providing qualified individuals access to all academic and employment programs, benefits and activities on the basis of demonstrated ability, performance and merit without regard to personal factors that are irrelevant to the program involved.

Kent Campus - Kent, OH

Faculty Tenure Track-9 Mo

Computer Science

[Job #999222]

Opportunity: Kent State University's Department of Computer Science is seeking applicants to fill a Tenure-Track position in the area of data science and/or cybersecurity

Minimum Requirements: expected qualifications include a Ph.D. in computer science, computer engineering, or a related field. The position is available at the Assistant Professor rank. Candidates at the Associate Professor level will be considered but will be expected to have a history of extramural funding.

For a complete description of this position and to apply online,

visit our jobsite at <https://jobs.kent.edu>

Equal Opportunity / Affirmative Action Employer / Disabled / Veterans

Lehigh University

*Associate/Full Professor with Tenure,
Tenure-track Assistant/Associate Professor*

The Department of Electrical and Computer Engineering invites applications for a tenure-track faculty position as Assistant/Associate/Full Professor of Electrical and Computer Engineering with a specialization in computer engineering, effective August, 2023.

Review of Applications will begin in early December. For full consideration, applications should be received online by December 15, 2022. Review of applications will continue until the position is filled.

Candidates applying for a senior position with tenure must submit application materials online at <https://academicjobsonline.org/ajo/jobs/23005>.

Candidates requesting a position without tenure must submit application materials at <https://academicjobsonline.org/ajo/jobs/23004>.

Any inquiries regarding this search should be directed to yan@lehigh.edu.

Lehigh University

Open Rank Teaching Faculty in Computer Science

The Department of Computer Science and Engineering (CSE) invites applications for full-time, non-tenure track, teaching faculty positions in Computer Science, to start no later than August 2023. An earlier start date may be possible. Lehigh has multiple ranks for teaching faculty and the successful candidate will be hired into a

rank commensurate with their experience. Candidates must hold a graduate degree in Computer Science, Computer Engineering, or a closely related field prior to the official start of employment. The successful candidate will have the opportunity to teach core courses in computer science such as systems courses, as well as elective courses in their areas of interest. Teaching faculty are also expected to participate in departmental service.

Review of applications will begin November 15, 2022 and will continue until the positions are filled.

Applicants should submit their materials at <https://academicjobsonline.org/ajo/jobs/22963>. Candidates should submit a cover letter, curriculum vitae, teaching statement, diversity statement, and contact information for at least three references. Questions concerning this search may be sent to Profs. Heflin and Kalafut at teaching-search@cse.lehigh.edu.

Lehigh University is an affirmative action/equal opportunity employer and does not discriminate on the basis of age, color, disability, gender identity or expression, genetic information, marital or familial status, national or ethnic origin, race, religion, sex, sexual orientation, or veteran status. Lehigh University provides competitive salaries and comprehensive benefits and has a well-developed infrastructure to address dual career and work-life balance matters. As demonstrated by our Core Values and the Principles of Our Equitable Community, Lehigh University is committed to the values of Integrity

and Honesty, Equitable Community, Academic Freedom, Intellectual Curiosity, Collaboration, Commitment to Excellence, and Leadership.

Lehigh University College of Health

The Ellen and Vincent Forlenza '75 Chair in Health Innovation and Technology

The Lehigh University College of Health invites nominations and applications for the inaugural Ellen and Vincent Forlenza '75 Chair in Health Innovation and Technology. The Forlenza endowed faculty chair was created to leverage Lehigh's traditional strengths in technology in the service of health. The holder of the Forlenza chair will be expected to develop health applications using artificial intelligence, advanced analytics and data science, and/or design cutting-edge devices and technologies to address urgent needs in population health.

Additional information about the position is available in the [Forlenza Chair Prospectus](#) and [Position Specification](#).

Interested, qualified individuals should provide a copy of their curriculum vitae, along with a research statement and a teaching statement. A letter of interest that addresses the candidate's qualifications for this position is welcome, but not required. Confidential inquiries, nominations, and applications should be sent via email to Ilene H. Nagel and Charles E. Kaler of Education Executives at Lehigh.Forlenza@edexsearch.com.

Louisiana State University

*School of Electrical Engineering and
Computer Science*

Instructor Positions

The Division of Computer Science and Engineering within the School of Electrical Engineering and Computer Science at Louisiana State University (LSU) - Baton Rouge invites applications for two full-time instructor positions starting January of 2023. The division (www.cse.lsu.edu) has a strong record in research and graduate training (MS and PhD degrees) and offers multiple concentration/specialization options at the undergraduate level (BS degree), including software engineering, cybersecurity, cloud computing, and data analytics. The division is experiencing an all-time high enrollment.

Responsibilities: Teach undergraduate courses in all areas of Computer Science, including core computer science courses at all levels and selected specialization/concentration courses. Instructor is also responsible for undergraduate advising and other academic duties. LSU Computer Science has a significant number of highly motivated students and in selecting applicants for this position, emphasis will be placed on a candidate's ability to engage students in and out the classroom.

Required Qualifications: The successful applicant will possess a master's degree in Computer Science or relevant discipline with one or more year(s) of teaching experience. Applicant must have completed at least 18 credit hours at the graduate level.

Applications will be reviewed starting November 11, 2022, and the review will continue until the positions are filled. We strongly encourage early applications. Inquiries should be directed to the Faculty Search Committee via email at csesearch@lsu.edu.

Apply online and view a more detailed ad at: https://lsu.wd1.myworkdayjobs.com/en-US/LSU/job/Instructor_R00074221

LSU IS AN EQUAL OPPORTUNITY/EQUAL ACCESS EMPLOYER

Additional Job Description:

Special Instructions:

Applications will be reviewed starting November 11, 2022, and the review will continue until the positions are filled. We strongly encourage early applications.

Posting Date:

October 28, 2022

Closing Date (Open Until Filled if No Date Specified):

Additional Position Information:

Background Check - An offer of employment is contingent on a satisfactory pre-employment background check.

Benefits - LSU offers outstanding benefits to eligible employees and their dependents including health, life, dental, and vision insurance; flexible spending accounts; retirement options; various leave options; paid holidays; wellness benefits; tuition exemption for qualified positions; training and development opportunities; employee discounts; and more!

Essential Position (Y/N):

LSU is an Equal Opportunity Employer:

LSU believes diversity, equity, and inclusion enrich the educational experience of our students, faculty, and staff, and are necessary to prepare all people to thrive personally and professionally in a global society. We celebrate diversity and are committed to the principles of diversity and inclusion. We actively seek and encourage qualified applications from persons with diverse backgrounds, cultures and experiences. To learn more about how LSU is committed to diversity and inclusivity, please see LSU's Diversity Statement and Roadmap. Persons needing accommodations or assistance with the accessibility of materials related to this search are encouraged to contact the Office of Human Resource Management (hr@lsu.edu).

HCM Contact Information:

Questions or concerns can be directed to the LSU Human Resources Management Office at 225-578-8200 or emailed HR@lsu.edu

Louisiana State University

*School of Electrical Engineering and
Computer Science*

Multiple Faculty Positions (Tenure-Track)

The Division of Computer Science and Engineering within the School of Electrical Engineering and Computer Science at Louisiana State University (LSU) - Baton Rouge invites applications for five tenure-track Assistant Professors starting August 2023 or earlier. The division is experiencing an all-time high enrollment. Our hiring

Professional Opportunities

priority areas include software engineering, programming languages, systems, cybersecurity, computer vision and graphics, artificial intelligence. Candidates from other areas will also be considered. Exceptionally qualified candidates at the rank of associate and full professor with tenure will be considered.

The School of Electrical Engineering and Computer Science is comprised of the Computer Science and Engineering (CSE) Division and the Electrical and Computer Engineering (ECE) Division. The CSE division (www.cse.lsu.edu) has a strong record in research and graduate training (MS and PhD degrees), with ongoing federal, state and industry-funded research projects in many key areas of computer science. The CSE division offers multiple concentration/specialization options including software engineering and cybersecurity at the undergraduate level (BS degree). Our cybersecurity program has been designated one of only 22 programs in the country as a National Center of Academic Excellence in Cyber Operations (CAE-CO). Excellent opportunities exist for collaboration with the ECE division and other departments in and out of the engineering college, including the Center for Computation and Technology. LSU-HPC provides state-of-the-art supercomputing and storage facilities enabling research collaborations across diverse fields.

Responsibilities: Teach graduate and undergraduate courses in our priority areas mentioned above; establish a vigorous, extramurally funded research program; publish in highly ranked journals or conference proceedings;

supervise graduate students; and serve on committees to support the department's and LSU's educational and research missions. The position will be 50% teaching and 50% research. LSU has a significant number of highly motivated students and in selecting applicants for this position, emphasis will be placed on a candidate's ability to engage students in and out of the classroom.

Required Qualifications: The successful applicant will possess a Ph.D. in Computer Science or other relevant discipline and will have a record of published research and the ability to attract funding. Applicants who are all but dissertation (A.B.D.) and will complete the Ph.D. by the time of appointment will be considered. Women and minorities are strongly encouraged to apply. Campus interviews will be conducted in Baton Rouge, LA, prior to an offer being extended. Any offer of employment is contingent on a satisfactory pre-employment background check. Applications will be reviewed starting November 11, 2022, and the review will continue until the positions are filled. We strongly encourage early applications. Inquiries should be directed to the Faculty Search Committee via email at csesearch@lsu.edu.

Apply online and view a more detailed ad at: https://lsu.wdl.myworkdayjobs.com/en-US/LSU/job/Assistant-Professor_000074211

LSU IS AN EQUAL OPPORTUNITY/EQUAL ACCESS EMPLOYER

Additional Job Description:

Special Instructions:

The successful applicant will possess a Ph.D. in Computer Science or other relevant discipline and will have a record of published research and the ability to attract funding. Applicants who are all but dissertation (A.B.D.) and will complete the Ph.D. by the time of appointment will be considered. Women and minorities are strongly encouraged to apply. Campus interviews will be conducted in Baton Rouge, LA, prior to an offer being extended. Any offer of employment is contingent on a satisfactory pre-employment background check.

Applications will be reviewed starting November 11, 2022, and the review will continue until the positions are filled. We strongly encourage early applications.

Posting Date:

October 28, 2022

Closing Date (Open Until Filled if No Date Specified):

Additional Position Information:

Background Check - An offer of employment is contingent on a satisfactory pre-employment background check.

Benefits - LSU offers outstanding benefits to eligible employees and their dependents including health, life, dental, and vision insurance; flexible spending accounts; retirement options; various leave options; paid holidays; wellness benefits; tuition exemption for qualified positions; training and development opportunities; employee discounts; and more!

Essential Position (Y/N):

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LSU believes diversity, equity, and inclusion enrich the educational experience of our students, faculty, and staff, and are necessary to prepare all people to thrive personally and professionally in a global society. We celebrate diversity and are committed to the principles of diversity and inclusion. We actively seek and encourage qualified applications from persons with diverse backgrounds, cultures and experiences. To learn more about how LSU is committed to diversity and inclusivity, please see LSU's Diversity Statement and Roadmap. Persons needing accommodations or assistance with the accessibility of materials related to this search are encouraged to contact the Office of Human Resource Management (hr@lsu.edu).

HCM Contact Information:

Questions or concerns can be directed to the LSU Human Resources Management Office at 225-578-8200 or emailed HR@lsu.edu

Loyola University Chicago

Tenure-Track Assistant Professor Position in Cybersecurity/Computer Science

The Department of Computer Science at Loyola University Chicago invites applications for a full-time, tenure-track position at rank Assistant Professor beginning Fall 2023. While we seek applicants with expertise in Cybersecurity and Privacy, we also welcome exceptional candidates in other adjacent areas to apply. We especially encourage applications from candidates from underrepresented groups, as well as scholars committed to interdisciplinarity.

The department comprises 16 full-time faculty members and maintains an active research program with recent funding from NSF, NIH, NSA/DoD and other sources. The department has received approval to launch a PhD program in computer science effective Fall 2023. For more information about the department, please visit <https://www.luc.edu/cs>.

Review of applications will begin immediately and continue until the position is filled. Applications submitted before January 15, 2023 will receive full consideration.

Applicants should follow the specific instructions available at <https://www.careers.luc.edu/postings/22179>.

Max Planck Institutes

Tenure-track Openings in Computer Science

The Max Planck Institutes in Computer Science invite applications for tenure-track faculty in all areas of computer science. We expect to fill several positions.

A doctoral degree in computer science or related areas and an outstanding research record are required. Successful candidates are expected to build a team and pursue a highly visible research agenda, both independently and in collaboration with other groups.

The institutes are part of a network of over 80 Max Planck Institutes, Germany's premier basic-research organisations. MPis have an established record of world-class, foundational research in the sciences, technology, and the humanities. The institutes offer a unique environment

that combines the best aspects of a university department and a research laboratory: Faculty enjoy full academic freedom, lead a team of doctoral students and post-docs, and have the opportunity to teach university courses; at the same time, they enjoy ongoing institutional funding in addition to third-party funds, a technical infrastructure unrivaled for an academic institution, as well as internationally competitive compensation.

We maintain an international and diverse work environment and seek applications from outstanding researchers worldwide. The working language is English; knowledge of the German language is not required for a successful career at the institutes.

Qualified candidates should apply on our application website (apply.cis.mpg.de).

Review of applications will begin by December 1st, 2022.

The Max Planck Society wishes to increase the number of women in those areas where they are underrepresented. Women are therefore explicitly encouraged to apply. The Max Planck Society is also committed to increasing the number of employees with severe disabilities in its workforce. Applications from persons with severe disabilities are expressly desired.

The initial tenure-track appointment is for five years; it can be extended to seven years based on a positive midterm evaluation in the fourth year. A permanent contract can be awarded upon a successful tenure evaluation in the sixth year.

McDaniel College

Data Analytics Full-time Lecturer

The Graduate and Professional Studies division at McDaniel College invites applications for a lecturer position in Data Analytics.

The position requires individuals to teach and develop courses for the graduate Data Analytics program in the areas of data mining, data preparation, and database management. The successful candidate is expected to mentor graduate students and provide service to the college and the profession. The program is interested in candidates that are highly collaborative and collegial with a strong commitment to building a portfolio of graduate and undergraduate programs in data science and related areas.

To apply, visit <https://employment.mcdaniel.edu>.

Michigan State University

1855 Professor of Data Science

The Department of Computational Mathematics, Science and Engineering at Michigan State University invites applications for a tenure system open rank 1855 Professor position in algorithmic foundations of data science, with special consideration for candidates with backgrounds in applying their methods to real world problems in STEM. MSU created the 1855 Professorships to broaden the diversity of viewpoints within MSU's community of scholars. This position may be jointly appointed with a second department in the College of Natural Science.

For more information about the position and to apply, please visit:

<https://careers.msu.edu/>
(Posting# 818576)

Review of applications will begin December 1st, 2022, and continue until the position is filled.

Michigan State University

Computer Science and Engineering

Faculty position in all areas of Computer Science

The Department of Computer Science and Engineering (CSE) at Michigan State University (MSU) is in a phase of significant and sustained growth and expansion. We invite applications for a tenure-system faculty position in any area of Computer Science, including those that intersect with other fields. While we expect the appointment to be at the assistant professor level, depending on the experience of the candidate, an appointment at the level of associate professor will be considered. The anticipated start date for the position is **August 16, 2023**. Candidates must have a doctoral degree at the time of appointment.

The Department is looking for highly motivated applicants who can enhance or complement the Department's strengths and expertise. Tenure-system computer science faculty are expected to establish a vibrant, sustainable, and internationally visible research program; make significant scholarly contributions to their discipline; be an effective teacher and mentor of both undergraduate and

graduate students; engage in institutional and professional service as well as public outreach; and contribute toward the university's DEI mission. The Department and College have a strong track record of mentoring junior faculty to successfully grow their academic careers.

The Department has strong research programs in several areas of Computer Science and Engineering. The Department has accredited B.S. degree programs in Computer Science and Computer Engineering. The Department also offers a B.S. degree in Computational Data Science. There are currently over 230 graduate students and 1,800 undergraduate students in the Department. Department faculty have been actively involved in leading several national-level centers, including BEACON, an NSF Science and Technology Center for the study of evolution in action that is headquartered at MSU, and CITeR, an NSF-IUCRC enterprise focusing on Biometrics and Identity Science. MSU's annual research expenditure is around \$725M. University researchers and scholars are internationally renowned and are facilitating broad social, economic, and technological impact.

MSU enjoys a park-like campus with some outlying research facilities and natural areas. The campus is in the city of East Lansing, adjacent to the capital city of Lansing. The Lansing metropolitan area has a diverse population of approximately 541,000. Local communities have excellent school systems and place a high value on education. Michigan State University is proactive in exploring opportunities for employment for dual-career couples,

both inside and outside the University. Information about MSU's dual-career support can be found at <https://worklife.msu.edu/dual-career>. Information about WorkLife at MSU and the College of Engineering can be found at <https://worklife.msu.edu/> and <https://www.egr.msu.edu/about/resources/faculty-staff/worklife-at-engineering>.

Interested individuals should submit their application through <http://careers.msu.edu> and refer to posting #827032. Applicants must submit 1) a detailed curriculum vitae, 2) a cover letter summarizing their qualifications and highlighting up to five prominent scholarly works, 3) vision statement describing their teaching philosophy, including mentoring and outreach, 4) vision statement describing their planned research program, 5) vision statement describing their plans to promote a diverse, equitable, and inclusive environment, and 6) the names and contact information of at least three professional references. For full consideration, applications should be received before **January 12, 2023**. Applications will be reviewed on a continuing basis thereafter until the position is filled. The search committee reserves the right to begin the evaluation process before **January 12, 2023**. Therefore, interested individuals are encouraged to submit their application packets as soon as possible.

Nominations or questions are welcome by contacting the search committee chair at faculty-search-chair@cse.msu.edu.

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, citizenship, disability or protected veteran status.

Michigan State University has been advancing the common good with uncommon will for more than 165 years. One of the top research universities in the world, MSU pushes the boundaries of discovery and forges enduring partnerships to solve the most pressing global challenges while providing life-changing opportunities to a diverse and inclusive academic community through more than 200 programs of study across 17 degree-granting colleges.

Michigan Technological University

Assistant Professor in the Department of Computer Science

The Department of Computer Science in the College of Computing at Michigan Technological University invites applications for the position of Assistant Professor. Applicants with the required education, experience, knowledge, skills, abilities, and accomplishments commensurate with a higher rank will also be considered for an appointment at the rank of associate or full professor. We are open to all research areas in computer science including cybersecurity, artificial intelligence/machine learning, systems, and software engineering. Successful candidates will demonstrate a passion

for their research, an enthusiasm for undergraduate and graduate education, and a strong commitment to cultivating diverse and inclusive environments. The anticipated start date is August 2023.

Michigan Tech attracts world-class faculty who enrich the educational experience of smart, motivated, and adventurous students. Our university is nationally ranked among the best universities for job placement, return on investment, and safety. Michigan Tech recognizes the importance of supporting faculty members' partners; candidates selected for on-campus interviews will be invited to bring a guest. Additional details on our Partner Engagement Program can be found at <https://www.mtu.edu/provost/programs/partner-engagement/>

Michigan Tech is proud to be an ADVANCE Institution that has received three National Science Foundation grants to increase diversity, inclusion, and the participation and advancement of women and underrepresented individuals in STEM. Applicants who are committed to promoting a sense of belonging and contributing to an equitable and inclusive learning environment for all are strongly encouraged to apply (see <https://www.mtu.edu/diversity-inclusion/> for more information on Michigan Tech's commitment to diversity and inclusion, and our strategic planning framework).

Applicants must have earned a PhD degree in Computer Science, Computer Engineering, Informatics, or a closely related discipline. Michigan Tech places a strong emphasis on balancing cutting-edge research with

effective teaching. Candidates for these positions are expected to demonstrate potential for excellence in independent research, excellence in teaching, the ability to contribute service to their department and profession, and a demonstrated commitment to promote a diverse, equitable, and inclusive environment. Salary is negotiable depending upon qualifications.

For full consideration, complete application packages should be received by December 5, 2022. Review of applications will continue until the position is filled.

Applications must be submitted online at <http://www.employment.mtu.edu/cw/en-us/job/493042>. For more information, please visit <https://www.mtu.edu/cs/department/employment/> or contact the search committee chair, Dr. Dukka KC, dbkc@mtu.edu.

To apply, please provide:

- cover letter summarizing your expertise and preferred rank
- curriculum vitae
- research statement at most 4 pages
- teaching philosophy statement at most 2 pages
- diversity, equity, and inclusion statement at most 1 page

Michigan Technological University is an Equal Opportunity Educational Institution/Equal Opportunity Employer that provides equal opportunity for all, including protected veterans and individuals with disabilities.

Middle Tennessee State University

Tenure Track Assistant/Associate Professor

The Department of Computer Science, Middle Tennessee State University (<http://www.mtsu.edu/csc/>) invites applications for two assistant/associate professor tenure-track positions beginning August 1, 2023.

Applications for these positions must be submitted at <https://careers.mtsu.edu/en-us/job/497126/computer-science-tenuretrack-faculty>.

Applicants for these positions must hold a doctorate degree in computer science or a closely related field by the appointment date. This position requires a commitment to excellence in both teaching and research. The successful applicant must be willing to teach both undergraduate and graduate courses and engage students (including undergraduates) in research.

Applicants are invited from all areas of computer science, but applicants with a background in cyber security, high-performance computing, machine learning, cloud computing, mobile computing, or data science will receive special consideration.

The Department offers both BS and MS degrees and has close ties with the Data Science program and the Computational Sciences PhD Program. The BS with concentration in Professional Computer Science program is ABET accredited. There are over 500 undergraduate and graduate majors.

MTSU is a Carnegie classified Doctoral/ Research University (DRU) with over

23,000 students, and is located 35 miles south of Nashville in Murfreesboro, TN.

Milwaukee School of Engineering

Computer Science and Software Engineering Faculty

The Electrical Engineering and Computer Science (EECS) department at the Milwaukee School of Engineering (MSOE) seeks applicants to fill multiple computer science (CS) / software engineering (SE) faculty positions at any rank to support a new master's program in Machine Learning as well as established undergraduate Computer Science and Software Engineering programs. MSOE expects, rewards, and supports a strong primary commitment to excellence in teaching. Faculty enjoy small class sizes and hands-on labs as well as continuous improvement and sustained professional development. Among the department's strengths are strong partnerships with numerous businesses and academic institutes, which guide applied projects, undergraduate research, and curriculum development.

For a detailed position description and to apply, please visit <http://jobs.localjobnetwork.com/j/70334489>

MSOE is an Equal Opportunity Employer & Educator.

Missouri University of Science and Technology

Assistant/Associate Teaching Professor in Computer Science

The Department of Computer Science at Missouri University of Science and Technology (Missouri S&T) in Rolla, Missouri, is seeking outstanding applicants for an assistant/associate teaching professor position with a start date of Spring 2023 (preferred) or Fall 2023. Applicants must hold a Ph.D. degree in Computer Science or a closely related field by the appointment start date. Preference will be given to candidates with an excellent track record of high-quality teaching and service. More information about desired qualifications, required application documents, Computer Science Department and Missouri S&T can be found at: <https://cs.mst.edu/>.

Submit materials to Missouri S&T's Human Resources Office at: <https://hr.mst.edu/careers/academic-employment/> using Job Id: 43797. Applications will be reviewed as they are received.

For early action, applicants should apply by October 31st, 2022, but the review of applications will continue until the positions are filled. For more information, please contact the Search Committee Chair, Dr. Ricardo Morales, at: ricardom@mst.edu.

Missouri University of Science and Technology

Lecturer in Computer Science

The Department of Computer Science at Missouri University of Science and

Technology (Missouri S&T) in Rolla, Missouri, is seeking outstanding applicants for a lecturer position with a start date of Spring 2023 (preferred) or Fall 2023. Applicants must hold a Ph.D. degree in Computer Science or a closely related field by the appointment start date. Preference will be given to candidates with an excellent track record of high-quality teaching. This is a one-year appointment, but extension may be possible. More information about desired qualifications, required application documents, Computer Science Department and Missouri S&T can be found at: <https://cs.mst.edu/>.

Submit materials to Missouri S&T's Human Resources Office at: <https://hr.mst.edu/careers/academic-employment/> using Job Id: 43794.

Applications will be reviewed as they are received. For early action, applicants should apply by October 31st, 2022, but the review of applications will continue until the positions are filled.

For more information, please contact the Search Committee Chair, Dr. Ricardo Morales, at: ricardom@mst.edu.

Missouri University of Science and Technology

Multiple Assistant/Associate Professor Positions in Computer Science

The Department of Computer Science at the Missouri University of Science and Technology (Missouri S&T) in Rolla, Missouri, is seeking outstanding applicants for multiple open-rank tenure-track/

tenured faculty positions, in all areas of Computer Science. Preference will be given to applicants who can contribute to the department's areas of strength such as: cyber-physical systems, cybersecurity, data science, machine learning, IoT, artificial intelligence and quantum computing. More information about desired qualifications, required application documents, Computer Science Department and Missouri S&T can be found at: <https://cs.mst.edu/>.

Submit materials to Missouri S&T's Human Resources Office at: <https://hr.mst.edu/careers/academic-employment/> using Job Id: 43811. Applications will be reviewed as they are received.

For early action, applicants must apply by October 31st, 2022, but the review of applications will continue until the positions are filled.

For more information, please contact the Search Committee Chair, Dr. Sanjay Madria, at: madrias@mst.edu.

Missouri University of Science and Technology

Cynthia Tang Missouri Distinguished Professor in Cybersecurity

The Computer Science Department at the Missouri University of Science and Technology invites nominations and applications for the Cynthia Tang Missouri Distinguished Professor in Cybersecurity. The position is tenured at the Full or Associate Professor rank. The endowment provides unrestricted research funds. More information about desired qualifications, required application

documents, the Computer Science Department, and Missouri S&T can be found at <https://cs.mst.edu>.

Submit materials to Missouri S&T's Human Resources Office at: <https://hr.mst.edu/careers/academic-employment/> using Reference Number 00083194.

Applications will be reviewed as they are received.

For early action, applicants should apply by October 31st, 2022, but the review of applications will continue until the position is filled.

For more information, please contact the Search Committee Chair, Dr. Mehdi Ferdowsi at ferdowsi@mst.edu.

Missouri University of Science & Technology

Kummer Endowed Department Chair of Computer Science

The Computer Science Department at Missouri University of Science and Technology seeks an outstanding and visionary leader for the position of Kummer Endowed Department Chair of Computer Science. More information about desired qualifications, required application documents, the Computer Science Department, and Missouri S&T can be found at: <https://cs.mst.edu/>.

Submit materials to Missouri S&T's Human Resources Office at: <https://hr.mst.edu/careers/academic-employment/> using Reference Number 00076912.

Applications will be reviewed as they are received. For early action, applicants

should apply by October 31st, 2022, but the review of applications will continue until the position is filled. For more information, please contact the Search Committee Chair, Dr. Venkata Allada at allada@mst.edu.

Missouri University of Science & Technology is fully committed to achieving the goal of a diverse and inclusive academic community of faculty, staff and students. We seek individuals who are committed to this goal and our core campus values of integrity, inclusion, sustainability, creativity, partnerships and lifelong success. The University of Missouri is an Equal Opportunity/Access/Affirmative Action/Pro Disabled & Veteran Employer.

MIT Media Lab

Assistant Professor/Associate without Tenure (tenure-track) faculty search: Artificial Intelligence (AI) and Human Experience

The Program in Media Arts and Sciences (MAS) and the MIT Schwarzman College of Computing (SCC) at the Massachusetts Institute of Technology (MIT) Cambridge, Massachusetts invite applications for a faculty position in the area of "Artificial Intelligence (AI) and Human Experience." We welcome outstanding applicants with research and teaching interests who have demonstrated innovation in AI algorithm and tool development together with excellence in evaluating and shaping human experience using AI systems. Human experience research is expected to include the objective measurement of social-emotional data during human-

computer interaction, the design and evaluation of AI algorithms that adapt to individuals for improving both human experience and performance of the AI methods, as well as addressing of related ethics and alignment aspects. MAS and SCC believe the intellectual, cultural and social diversity of our faculty, staff, and students is vitally important to the distinction and excellence of our academic and research programs. We seek candidates who support our institutional commitment to ensuring that MIT is inclusive, equitable, and diverse.

The successful candidate will have a shared appointment in both MAS and also SCC, in either the Department of Electrical Engineering and Computer Science (EECS) or the Institute for Data, Systems, and Society (IDSS). Faculty duties will include classroom teaching in topics related to AI and Human Experience, conducting original scholarly research, supervising and mentoring students, and playing an active role in shaping the academic work and cultures of both the MAS and SCC research communities. Candidates are expected to teach in both MAS and SCC-relevant curricula, which include both graduate and undergraduate classes.

The appointment will be at the assistant or untenured associate professor level.

Candidates should have a strong record of research, a willingness to take risks, a desire to look beyond traditional disciplines, and a dedication to making a difference in the world. Applicants should hold a doctoral degree in media arts and sciences, computer science, electrical engineering, a field related to AI and the

Professional Opportunities

Human Experience or a related field by the start of employment, and should have a track record of authoring or co-authoring peer-reviewed publications in AI and human experience at the time of application.

To apply, please fill out the application at <https://apply.interfolio.com/113820>. Applications must include a cover letter, curriculum vitae, a research statement (2-4 pages) and a teaching statement (1-2 pages). In addition, candidates should provide a statement regarding their views on diversity, inclusion, and belonging, including past and current contributions as well as their vision and plans for the future in these areas. Each application should include the names and addresses of three or more individuals who will provide letters of recommendation. Letter writers should submit their letters directly to MIT, preferably via the application website or by mailing to the address below. Complete applications should be received by November 15, 2022. Applications will be considered complete only when both the applicant materials and at least three letters of recommendation are received.

It is the responsibility of the candidate to arrange reference letters to be uploaded to Interfolio by November 15, 2022.

Send all materials not submitted on the website to:

Program in Media Arts and Sciences
Search Committee, Massachusetts
Institute of Technology

c/o search@media.mit.edu

Review of applications will begin immediately.

MIT is an equal employment opportunity employer. All qualified applicants will receive consideration for employment and will not be discriminated against on the basis of race, color, sex, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, ancestry, or national or ethnic origin. MIT's full policy on Nondiscrimination can be found [here](#).

MIT Sloan School of Management

Assistant, Associate, OR Full Professor

The MIT Sloan School of Management invites applications for open rank faculty positions in the Information Technologies (IT) Group, beginning July 1, 2023 or as soon thereafter as possible. Duties include teaching undergraduate and graduate level courses and research in IT or related disciplines. Applicants should possess a PhD in Information Systems, Computer Science, Machine Learning and Statistics, Electrical Engineering, Economics, Management Sciences, Social and Behavioral Sciences, or other relevant fields by start of employment.

The IT Group is actively soliciting women and minority candidates, though all qualified applicants will be considered for this position. The IT Group welcomes applicants from a variety of technical, social, economic, and other backgrounds relevant to IT and is particularly interested, this year, in candidates with a strong technical background in fields such as artificial intelligence, machine learning, and other areas of computer science.

Applications must include a cover letter, up-to-date curriculum vitae; a brief statement of objectives and aspirations in research and education; and information about teaching experience, if applicable. Applicants applying at the level of Assistant Professor should supply three recommendation letters. Applicants at the rank of Associate Professor or higher will not need recommendation letters at this stage in the application process.

Please submit your application at: <https://apply.interfolio.com/115585> by December 15, 2022.

MIT is an equal opportunity employer committed to building a culturally diverse intellectual community and strongly encourages applications from women and minorities.

National Science Foundation

Program Directors at NSF CISE/CCF (Computing and Communication Foundations)

The Computing and Communications Foundations (CCF) Division of the Computer and Information Science and Engineering (CISE) Directorate at the National Science Foundation (NSF) announces a nationwide search to fill multiple Program Director rotator positions in the following programs: Algorithmic Foundations, Communication and Information Foundations, Foundations of Emerging Technologies, and Software and Hardware Foundations.

We particularly encourage applications in the areas of Software Engineering, Quantum Computing, and Algorithmic Foundations.

Rotator positions work under the Intergovernmental Personnel Act (IPA) provisions. For more information on the positions' description, eligibility, and how to apply, please visit <https://beta.nsf.gov/careers/openings/cise/ccf/ccf-2022-79939>.

Questions and inquiries can be sent to ccf-ipa-recruitment@nsf.gov.

NEC Laboratories America, Inc.

Researcher - Machine Learning

NEC Laboratories America, Inc. (NEC Labs) is the US-based center for NEC Corporation's global network of corporate research laboratories. Our diverse research groups collaborate with industry, academia and governments to provide disruptive solutions to complex problems.

Our Machine Learning group has openings for researchers with a passion for developing the next generation of machine intelligence. Expertise in machine learning with a proven track record of original research are prerequisites for this position.

We have been at the forefront of research in such areas as deep learning, support vector machines, and semantic analysis for almost two decades. Our research has been published in premier venues and has won numerous awards, including the 2010 IEEE Neural Networks Pioneer Award, the 2012 IEEE Frank Rosenblatt Award, the 2012 Benjamin Franklin Medal, the 2013 NEC C&C Prize, ICML 2018 Test

of Time Award, and NeurIPS 2018 Test of Time Award. Our research has been translated into NEC's businesses, leading to innovative products and services of NEC, such as semantic analysis of job applications and product reviews, accident prevention, anomaly detection, and digital pathology.

Currently our team is tackling challenges in imparting abstract reasoning capabilities to machine learning and facilitating effective human-machine collaboration, and how these enable new applications in sustainable environment, smart manufacturing, safe cities, natural language processing, and personalized healthcare. <https://www.nec-labs.com/research/machine-learning/home/>

Requirements

- PhD in computer science, electrical engineering, statistics, or equivalent
- Research experience in machine learning with strong publication record
- Strong algorithm and numeric computation background
- Programming experience in Python, C/C++, or other languages
- Experience with deep learning libraries and platforms a plus, e.g. PyTorch, TensorFlow

For more information about NEC Labs, please visit www.nec-labs.com and submit your CV and research statement through our career center at https://www.appone.com/MainInfoReq.asp?R_ID=4955511.

Equal Opportunity Employer

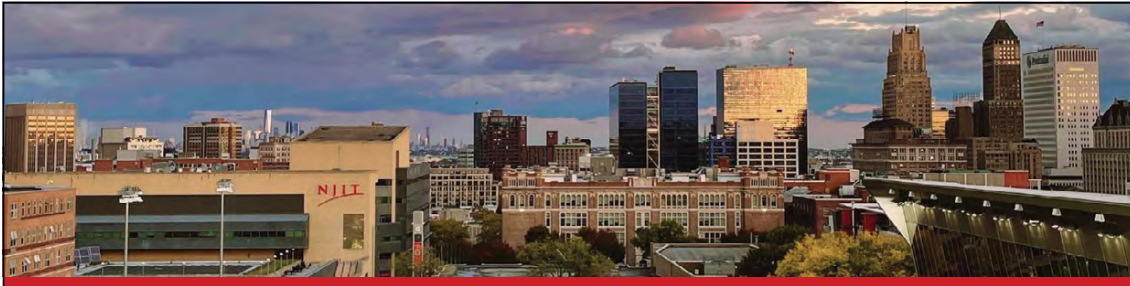
NEC Laboratories America, Inc.

Researcher - Data Science

NEC Laboratories America, Inc. (NEC Labs) is the US-based center for NEC Corporation's global network of corporate research laboratories. In collaboration with industry, academia, and governments around the world, we generate and commercialize innovative technical solutions to real world problems.

The Data Science team aims to build novel big data solutions and service platforms that simplify complex systems management, and to develop new information technology that supports innovative applications, from big data analytics to the Internet of Things. Our research is both experimental and theoretical, covering many domains in data science and artificial intelligence such as time series analysis, graph mining, NLP and document understanding, and so on. The goal of our research is to fully understand the dynamics of big data from complex systems and build innovative solutions to help end user managing those systems. We have built a number of analytic engines and system solutions to process and analyze big data and support various applications in detection, prediction and optimization. Our research leads to both award-winning NEC products and publications in top conferences.

Our group is looking for researchers to work in the areas of artificial intelligence, machine learning or data mining. The ideal candidates must have expertise in one of the above areas and can develop



Assistant/Associate Professor - Data Science

The Department of Data Science at New Jersey Institute of Technology (NJIT) invites applications for tenure-track faculty positions starting in Fall 2023.

Areas of special interest are: **Big Data, Biomedical Informatics, Data Visualization, High-Performance Data Analytics, and Machine Learning.**

Exceptional candidates in other areas will also be considered. While we are interested in hiring at the rank of Assistant Professor, exceptional candidates at higher ranks will also be considered. Senior candidates will be expected to play a leadership role as the Associate Director of the new NJIT Institute for Data Science, whose Director is Distinguished Professor David Bader.

Applicants must have a Ph.D. degree by Summer 2023 in a relevant discipline, and outstanding academic credentials that demonstrate their ability to conduct independent world-class research and attract external funding. The successful candidate is also expected to show a commitment to both undergraduate and graduate education. **International candidates are especially welcome.**

NJIT is a Carnegie R1 Research University, with \$166M research expenditures in FY21. The Department of Data Science is a new department launched in Fall 2021, currently has 9 faculty members and plans to grow significantly over the next five years. The department includes faculty at all levels including one Distinguished Professor, has faculty with an NSF CAREER award, active NSF and DOE grants, and an NVIDIA AI Lab. The department faculty develop foundational data science methods and conduct research to solve real-world grand challenges that leverage data science in application areas such as FinTech, Health Informatics, and Cybersecurity and play a key role in the NJIT Institute for Data Science, the Center for Big Data, the Cybersecurity Research Center, and the Center for AI Research. The department has strong connections with local industry and works closely with many companies through student Capstone projects, internships, co-ops and joint R&D projects; these include the major high-tech companies (Amazon, Facebook, Google, Microsoft) as well as financial / Wall Street companies (Bank of America, JP Morgan Chase) and Pharmaceuticals (Johnson and Johnson, Merck). Data Science participates aside of the Computer Science Department, which enrolls approximately 2,400 students at all levels across nine programs of study, and the Informatics Department, that enrolls 1,000 students at all levels, in the Ying Wu College of Computing (YWCC). YWCC comprises 34% of the NJIT enrollment, educating more than 4,000 students in computing disciplines, and graduating ~1,000 computing professionals every year. **As such, it is the largest producer of computing talent in the tri-state (NY, NJ, CT) area.** The Data Science Department is housed in a state-of-the-art facility renovated in 2018. The Ying Wu College of Computing is undergoing significant growth as a priority area for NJIT. This growth is an integral part of NJIT's five-year strategic plan, which calls for consolidating NJIT as a world-class institution of higher education and research.

Applied research, collaboration with industry, innovation and entrepreneurship are encouraged and supported. Performance and tenure expectations are aligned with those of the broader academic computing community, with an emphasis on grant funding and publishing in top conferences and journals. NJIT is located in Newark's University Heights, a vibrant sprawling downtown campus close to Rutgers-Newark, New Jersey Innovation Institute, Essex Community College, New Jersey Medical School, University Hospital, and Rutgers School of Dental Medicine. **NJIT is just a 30-minute train ride from New York City and its burgeoning Silicon Alley tech sector.** NJIT has recently expanded its graduate programs to Jersey City, just across the Hudson River from the financial district of Lower Manhattan in New York City, where it serves the many working professionals in that region.

Known as The Garden State, New Jersey ranks third in the nation in terms of median household income, features excellent quality of life, and offers a wide range of lifestyle and entertainment options, including urban areas (Newark/ New York metropolitan area), suburban areas (Princeton), oceanfront areas (Atlantic City, the Jersey Shore) and rural / bucolic areas (along the Delaware River in Western New Jersey). Also, Newark's Penn Station is on Amtrak's Northeast Corridor, which links several metropolitan areas from Washington DC to Boston MA by the Acela high speed train.

You must submit additional candidate materials online at <https://academicjobsonline.org/ajo/jobs/22916>; the additional candidate materials include a cover letter, CV, Research Statement, Teaching Statement, and the contact information for at least three references.

NJIT recognizes the importance of Diversity, Equity, and Inclusion (DEI) in academia and society at large. Candidates who have a track record in DEI are requested to also submit an optional Diversity Statement.

Applications received by 31 December 2022 will receive full consideration. However, applications are welcome until the position is filled. Applications will be evaluated as they are received. Contact address for <mailto:inquiries:ds-faculty-search@njit.edu>

Diversity is a core value of NJIT and we are committed to make diversity, equity and inclusion, part of everything we do. We celebrate the diversity of our university community and recognize the cultural and personal differences. We strive to cultivate an inclusive campus culture that promotes excellence among our faculty, staff and students. Building a robust and diverse community is critical to NJIT's continuing status as a premier institution of higher education and a leading polytechnic university.

To apply, visit <https://apptrkr.com/3567326>

Professional Opportunities

algorithms to analyze massive data and build innovative applications.

Requirements:

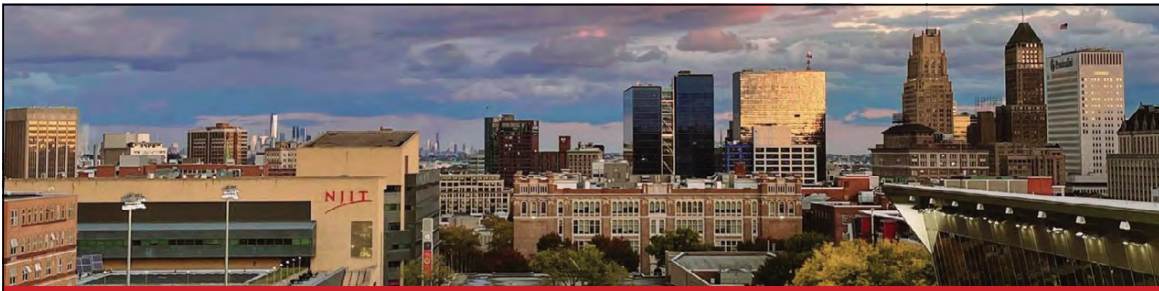
PhD in CS/CE with a strong publication record in at least one of the following areas:

- Artificial Intelligence, machine learning, and deep neural networks

- Time series analysis and prediction
- Text mining, natural language processing and information retrieval
- Graph and information network mining
- Large scale optimization and learning
- Signal processing, image processing and computer vision

For more information about NEC Labs, please access www.nec-labs.com and submit your CV and research statement through our career center at https://www.appone.com/MainInfoReq.asp?R_ID=4134286.

Equal Opportunity Employer



Chair, Department of Data Science

The Department of Data Science at New Jersey Institute of Technology (NJIT) invites applications for the position of Department Chair.

The successful candidate should demonstrate academic leadership skills necessary to create the conditions for faculty and student development and encourage interdisciplinary research across the university as well as with other national and international partners. The chair is expected to play an active role in capitalizing on the department's strengths to elevate the department's visibility and recognition.

The Department of Data Science is a new department launched in Fall 2021 with 9 faculty members and plans to grow significantly over the next five years. The department includes faculty at all levels including one Distinguished Professor. The faculty in the department have a strong track record of grant funding from NSF, NIH, DoD, DOE, and industry. The department faculty develop foundational data science methods and conduct research to solve real-world grand challenges that leverage data science in application areas such as Cybersecurity, FinTech, Health Informatics, Urban Sustainability, and Solar Terrestrial Research, and play a key role in the NJIT Institute for Data Science, with its centers for Big Data, Cybersecurity Research, Medical Informatics, and AI Research. The department has strong connections with local industry and works closely with many companies through student Capstone projects, internships, co-ops and joint R&D projects. Data Science participates aside of the Computer Science Department and the Informatics Department, in the Ying Wu College of Computing (YWCC). The College comprises 34% of the NJIT enrollment, educating more than 4,000 students in computing disciplines, and graduating more than 1000 computing professionals every year. As such, NJIT is the largest generator of computing talent in the tri-state (NY, NJ, CT) area.

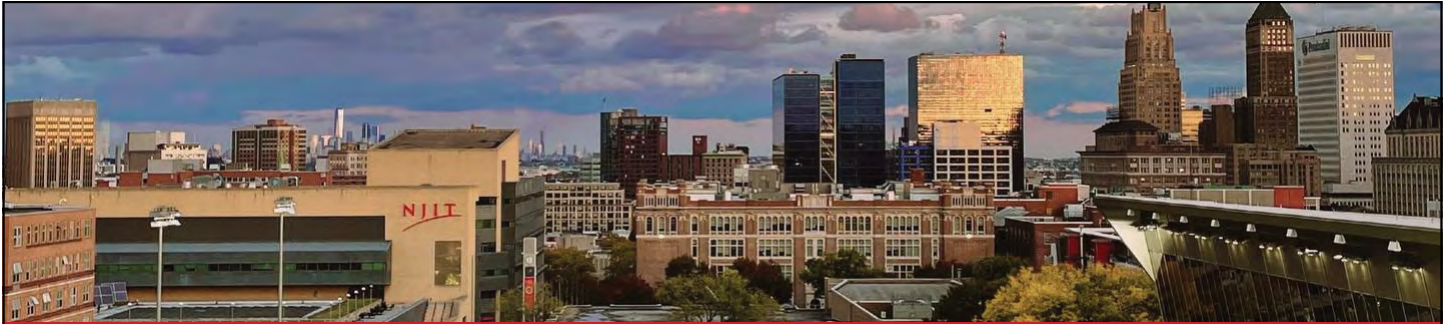
Candidates must have a PhD in computing or a related discipline with a demonstrated track record of scholarly accomplishments commensurate with the appointment at the rank of Full Professor, including a sustained record of publication in top venues, attracting funding, and mentoring students. The ideal candidate must demonstrate administrative leadership as well as the ability to recruit, mentor and retain diverse research-intensive faculty, maintain a collegial and ethical environment, and work with faculty and students of diverse backgrounds. International candidates are especially welcome.

To apply for the position, please submit your application materials (CV, cover letter, research statement, teaching statement, diversity statement, and the contact information for at least five references) to: <https://apptrk.com/3549376>

NJIT recognizes the importance of Diversity, Equity, and Inclusion (DEI) in academia and society at large. Candidates are requested to also submit a Diversity Statement.

Applications must be received by December 31, 2022 to receive full consideration. However, applications are welcome until the position is filled.

Diversity is a core value of NJIT and we are committed to make diversity, equity and inclusion, part of everything we do. We celebrate the diversity of our university community and recognize the cultural and personal differences. We strive to cultivate an inclusive campus culture that promotes excellence among our faculty, staff and students. Building a robust and diverse community is critical to NJIT's continuing status as a premier institution of higher education and a leading polytechnic university.



Assistant/Associate Professor (Informatics)

The **Informatics Department** at **New Jersey Institute of Technology (NJIT)** invites applications for tenure-track faculty positions starting in Fall 2023.

We are searching broadly across expertise in Human Centered Computing (HCC) or Human-Computer Interaction (HCI); exceptional candidates in other areas related to Informatics, and Information Science/Systems/Technology will also be considered (e.g., serious/educational games, gaming behavior, accessibility, human-robot interaction, health, computer-supported cooperative work, augmented/virtual reality, and social computing). We aim to hire at the rank of Assistant Professor, but exceptional candidates at higher ranks will also be considered. Candidates with doctorates from top worldwide institutions are especially welcome to apply.

NJIT is a Carnegie R1 Doctoral University (Very High Research Activity), with \$166M research expenditures in FY21. The Informatics Department has 16 tenured/tenure track faculty, and has strong connections with local industry. The Informatics Department is part of the Ying Wu College of Computing (YWCC), alongside the Departments of Computer Science and Data Science. YWCC has an enrollment of 4,000+ students in computing disciplines, and graduates ~1,000 computing professionals every year; **as such, it is the largest producer of computing talent in the tri-state (NY, NJ, CT) area.**

To formally apply for the position, please submit your application materials at: <https://apptrkr.com/3549362>

NJIT recognizes the importance of Diversity, Equity, and Inclusion (DEI) in academia and society at large. Candidates who have a track record in DEI are requested to also submit an optional Diversity Statement. **Applications received by December 15, 2022 will receive full consideration.** However, applications are welcome until the positions are filled, and will be evaluated as they are received. Contact address for inquiries: info-facultysearch@njit.edu

As an EEO employer NJIT is committed to building a diverse and inclusive teaching, research, and working environment and strongly encourages applications from individuals with disabilities, minorities, veterans, and women.

Diversity is a core value of NJIT, and we are committed to make diversity, equity and inclusion, part of everything we do. We celebrate the diversity of our university community and recognize the cultural and personal differences. We strive to cultivate an inclusive campus culture that promotes excellence among our faculty, staff, and students. Building a robust and diverse community is critical to NJIT's continuing status as a premier institution of higher education and a leading polytechnic university.

New Mexico State University

Tenure-Track Assistant Professor

*Assistant Professor (Cybersecurity) Req -
Req 2200183F, Pos 197480*

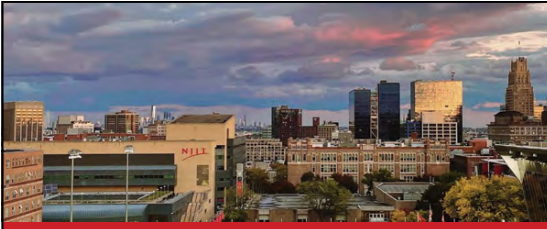
*Assistant Professor (Machine Learning) -
Req 2200178F, Pos 197452*

The Computer Science Department at New Mexico State University, a Hispanic-serving institution, invites applications for two tenure-track positions at

the Assistant Professor level, with appointment starting August, 2023.

We are seeking strong candidates with research expertise in Cybersecurity/ Machine Learning (Data Science) that can effectively complement the research foci of the department, especially in artificial intelligence and data analytics. An earned Ph.D. in Computer Science or a closely related field (e.g., Cybersecurity, Data Science, Machine Learning, AI) is required at the time of appointment.

Candidates with focus in Cybersecurity/ Data Science are strongly encouraged to apply. Exceptional candidates with demonstrated success in other areas of computer science will also be considered. Applications from women, members of traditionally under-represented groups, and individuals interested in contributing to the diversity and excellence of the academic community are strongly encouraged. Salary and start-up package will be competitive.



Department Chair - Informatics

The Informatics Department at (NJIT) - NJIT is a Carnegie R1 Doctoral University (Very High Research Activity), according to Carnegie's Classification, invites applications for the position of Department Chair. The successful candidate should demonstrate academic leadership skills necessary to create the conditions for faculty and student development in a thriving research environment and will lead the continued expansion of Research and education activities, and improve the Informatics Department's National and International standing.

The Informatics Department is part of the Ying Wu College of Computing (YWCC), has 16 tenured/tenure track faculty, and has strong connections with local industry. Together with its sister Departments of Computer Science and Data Science, YWCC has an enrollment of 4,000 students (34% of the NJIT student body) - the largest generator of computing talent in the tri-state area, producing over 1,000 computing professionals every year. The Informatics Department, which bears a resemblance to the iSchool concept found at other universities, consists of programs related to Information Systems and Information Technology with a strong research and academic emphasis on human centered computing and interaction, data-intensive computing, game design, augmented reality/virtual reality, system and network security and administration. The department is well-ranked nationally for information systems and game design and offers ABET accredited baccalaureate programs in Web and Information Systems, Business and Information Systems, Human-Computer Interaction, and Information Technology.

The college and department work closely with many corporations through student Capstone projects, internships, and joint R&D projects. NJIT has recently expanded its graduate programs, including those of the Informatics Department, to a modern and futuristic satellite location in Jersey City, just across the Hudson River from the financial district of Lower Manhattan in New York City, where it serves the vast pool of working professionals in the region. The facility is also home to the Institute for Future Technologies - the embodiment of the recently announced partnership with Israel's Ben-Gurion University of the Negev.

The Chair is expected to 1) Provide leadership for the department in curriculum, academic programs, student advisement and activities, and faculty intellectual and professional development; 2) Increase research standing by recruiting top faculty and PhD candidates; 3) Act as a liaison between the department and the college and university administration, and encourage collaboration with industry and government agencies; 4) Pursue new faculty appointments upon the recommendation of the department Promotion and Tenure Committee and Faculty Search Committee; and 5) Oversee the planning of teaching schedules and the allocation of department faculty release time.

For further information: academicjobsonline.org/ajob/joblist--4554-23739

As an EEO employer NJIT is committed to building a diverse and inclusive teaching, research, and working environment and strongly encourages applications from individuals with disabilities, minorities, veterans, and women.

To apply, visit <https://apptkr.com/3699839>

Application materials must be submitted online by October 30, 2022. A completed application will include the following documents: a letter of interest, a CV, transcripts, a statement of teaching philosophy, a statement of research philosophy and at least 3 letters of recommendation submitted by the reference writer.

To obtain more information about the positions and to apply, visit URL <https://jobs.nmsu.edu/postings/47737> for the Cybersecurity position and <https://jobs.nmsu.edu/postings/47846> for the Machine Learning (Data Science) position.

New Mexico State University is an Equal Opportunity/Affirmative Action/Veterans/Disability Employer

New Mexico State University

Tenure-Track Assistant Professor

Position Number: 197478

Req Number: 2200189F

NMSU Joblink: <https://jobs.nmsu.edu/postings/48008>

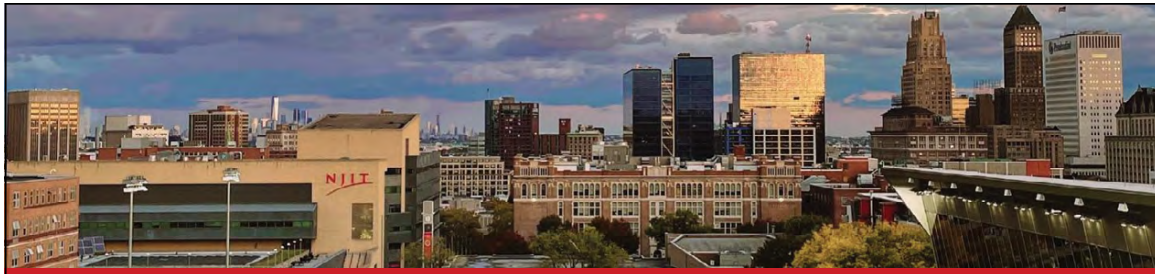
EEO/IOE Statement: NMSU is an equal opportunity and affirmative action employer committed to assembling a diverse, broadly trained faculty and staff. Women, minorities, people with disabilities, and veterans are strongly encouraged to apply.

New Mexico State University (NMSU), as a Hispanic Serving, Minority Serving, land grant and space grant institution,

is committed to elevating research that engages with the assets and innovations that NMSU students bring to the university and addresses local and global challenges, including diversifying and strengthening the STEM workforce through the success of a diverse and student population.

The Computer Science Department at NMSU invites applications for a tenure-track position at the Assistant Professor level. We are seeking strong candidates with research expertise in CS Education that can effectively complement the research foci of the department, especially in artificial intelligence and data science. An earned Ph.D. in Computer Science or a closely related field (e.g., Education, Information Science, Human-Computer Interaction) is required at the time of appointment. Candidates with focus in CS Education are strongly encouraged to apply. Exceptional candidates with demonstrated success in other areas of computer science will also be considered.

This hire is one of five tenure-track positions in the general area of STEM/STEM+ education research. Applicants for the position within the Computer Science Department are encouraged to consider applying to multiple positions within the cluster hire. The resulting cohort of five tenure-track faculty will build on and expand our existing strengths in the area of STEM education research. This effort is part of a concerted effort aimed at establishing a core research group, spanning multiple colleges, to advance knowledge and the state of the



Assistant/Associate Professor in Financial Technology

The Department of Data Science at New Jersey Institute of Technology (NJIT) invites applications for the position of **Department Chair**.

The Martin Tuchman School of Management at NJIT invites applications for a full-time tenure-track **Assistant/Associate Faculty** position in **Financial Technology (FinTech)** starting Fall 2023.

Candidates must have earned their doctoral degree in finance, computer science/data science (with a focus on machine learning and data mining), statistics or related fields. Successful candidates must demonstrate a record of scholarly accomplishments in FinTech.

The main duties of the position include research, teaching and service. The faculty is also expected to actively engage in various Program, School, and Institute committees and community service. Must demonstrate the university's core values which include excellence, integrity, collegiality, social responsibility, diversity and communication.

Special Instructions to Applicants: Applications must be submitted at jobs.njit.edu search ReqID: 4459. Include curriculum vitae, statement of teaching and research interests, and list of three references. Evaluation starts on November 30, 2022 and continues till the position is filled. Please direct any questions to Dr. Melodi Guilbault at <mailto:guilbault@njit.edu>.

About the School: Martin Tuchman School of Management is accredited by AACSB. It offers the first BS degree in FinTech in NJ, a MSM program with FinTech concentration, and a full range of undergraduate and graduate programs, including BS, MSM, MBA, and PhD in Business Data Science. The School was ranked Top 50 in the nation for its entrepreneurship program by Princeton Review for three consecutive years. The school houses the Leir Research Institute for Business, Technology, and Society and the Paul Profeta Real Estate Technology, Design and Innovation Center, and multiple active research centers/labs. It also has a strong partnership with the Institute for Data Science and the Big Data Center.

About the University: NJIT is a comprehensive public research intensive, R1 Carnegie Classification university located in Newark, New Jersey and in close proximity to New York City. Today NJIT has research grants of over \$150 million, and enrolls over 12,000 students from baccalaureate to Ph.D. The following highlights some of the major rankings and honors awarded to NJIT over the past year.

- A Princeton Review Best College and Best Business School: Martin Tuchman School of Management
- Forbes Top 100 Colleges list and is the highest ranked New Jersey public college or university
- One of the top ten U.S. public universities in faculty scholarly productivity
- Named a top national university by U.S. News & World Report
- Top one percent for ROI among U.S. public universities
- Ranked 1st among N.J. public universities for graduates' earnings by U.S. Department of Education
- Ranked 1st nationally for student upward economic mobility by the New York Times

To build a diverse workforce, NJIT encourages applications from individuals with disabilities, minorities, veterans and women. EEO employer.

To Apply, Visit: <https://apptrkr.com/3590024>

art in STEM training and education, from K to postgraduate. Our goal is to advance foundational knowledge and its translation to effective practices to promote equitable success in STEM, especially for students who are from historically underrepresented groups in STEM.

In addition to this posting, NMSU is seeking

- One faculty member with advanced training in Mathematics and expertise in Mathematics education research and/or broadening participation in mathematics at the college and graduate levels

- Three faculty members with specific background and expertise in K-12 STEM and STEM+ education and teacher preparation research, with a particular emphasis on equity, inclusion and diversity.

We are seeking individuals who are both (i) innovative STEM researchers who will contribute to enhancing NMSU's research profile and (ii) effective STEM educators, who will work to enhance the success of all students through equitable and inclusive practices.

The new faculty members are expected to join an existing group of STEM education researchers and develop vigorous, high-impact, externally funded research programs; work closely with other members of the cohort hire and existing faculty specializing in related areas; test, deploy and impart their expertise and practices to relevant NMSU departments and collaborating school districts and communities; effectively mentor undergraduate students, graduate students and postdoctoral researchers; effectively support NMSU's teaching mission at the undergraduate and graduate levels; adopt practices that support NMSU's mission as a Hispanic Serving and Minority Serving institution and as the land grant university of New Mexico; and contribute to an equitable, inclusive, and diverse STEM learning environment within NMSU, the local communities, and the state. Specific teaching assignments will be negotiated by the hiring departments.

The deadline for ensuring full consideration is November 15, 2022.

Please submit your application at the NMSU Joblink: <https://jobs.nmsu.edu/postings/48008>.

Qualifications:

Required qualifications

- A Ph.D. in Computer Science or related discipline for the Computer Science position
- The Ph.D. should be completed by Spring 2024
- Active research agenda in STEM education research and/or broadening participation in STEM disciplines

Preferred qualifications

- Experience working with groups which are underrepresented in STEM and knowledge about challenges in broadening participation in STEM
- A demonstrated commitment to student success
- Experience with grant writing
- Understanding of the mission of a land grant, Minority Serving and Hispanic Serving institution

Application Materials:

The following materials are required for the application:

- A cover letter; the letter should, among the other things, indicate the specific cluster area(s) of interest (Computer Science, Mathematics, ...)
- A complete Curriculum Vitae
- Contact information for three references
- A Statement of Teaching Philosophy
- A Statement of Contributions to Equity, Inclusion and Diversity
- A statement of Research Interests

New York University Courant Institute

Tenure-Track Position In Computer Science

The Computer Science department expects to have several tenure-track faculty positions and invites candidates at all levels to apply. We are looking for candidates in all areas of computer science, in particular in AI, systems theory, and scientific computing. We encourage AI candidates to apply through our AI search (<http://apply.interfolio.com/115921>).

Faculty members are expected to be outstanding scholars and to participate in teaching at all levels from undergraduate to doctoral. New appointees will be offered competitive salaries and startup packages.

The department has 44 regular faculty members as well as clinical, research, adjunct, and visiting faculty members. The department's current research activities span algorithms, cryptography and theory, computational biology, distributed computing and networking, graphics, vision and multimedia, machine learning and data science, natural language processing, scientific computing, verification and programming languages.

Collaborative research with industry is facilitated by geographic proximity to computer science activities at Facebook, Google, DeepMind, Amazon, Microsoft Research, IBM, Bell Labs, AT&T Research, Flatiron Institute and many other companies with research divisions in NYC area.

Qualifications:

A PhD in Computer Science or a related area is required. Successful candidates are expected to pursue an active research program and to contribute significantly to the teaching programs of the department.

Application Instructions:

Please apply through Interfolio via this link: <https://apply.interfolio.com/115826>

Applicants should submit a letter of interest /cover letter (please see instruction in the application), curriculum vita, a list of no more than 3 of your most significant publications, software, or other research products. Please also provide the names and contact information of at least three references via the contact reference required document in the application. All application materials should be uploaded through Interfolio.

For full consideration we recommend that applicants apply by December 1, 2022, though we will continue to review applications past that date as needed.

EOE/AA/Minorities/Females/Veterans/
Disabled/Sexual Orientation/Gender Identity

New York University

Tenure-Track Positions in Artificial Intelligence

As a part of its Artificial Intelligence Initiative, New York University invites candidates to apply for tenure-track positions in AI. The search is conducted jointly by the NYU Courant Computer Science department, the NYU Center for Data Science, and the NYU Tandon School

of Engineering; the faculty appointments can be in any of the three units, or joint.

We are looking for strong candidates working in a broad set of areas of AI, including, but not limited to, machine learning, natural language processing, computer vision, robotics, and AI for Health, as well as candidates combining a strong research program in AI with research in other areas of computer science, data science, electrical and computer engineering and other disciplines.

New appointees are expected to be outstanding scholars and to participate in teaching at all levels from undergraduate to doctoral. NYU offers an outstanding scholarly environment, with a large and rapidly expanding group of faculty working in AI.

Collaborative research with industry is facilitated by geographic proximity to AI research labs at Facebook, Google, IBM, Bell Labs, NEC, AT&T, Siemens, Flatiron Institute and many companies and non-profits involved in AI research and applications.

For candidates interested in AI for Health, ample opportunities exist to develop collaborative and translational research projects with NYU Langone Medical Center, the Grossman School of Medicine, the College of Dentistry, and other top-notch medical institutions in the New York area.

Qualifications

A PhD in Computer Science, Electrical and Computer Engineering, or a related field is required.

Application Instructions

Please apply through Interfolio via this link: <https://apply.interfolio.com/115921>

The following materials will be required as part of your application: CV, cover letter, research statement, teaching statement, three (3) confidential letters of recommendation, three (3) of your most significant publications, software, or research products.

We encourage applicants to include an optional statement of experience with or knowledge of inclusion, diversity, equity, and belonging efforts and your plans for incorporating them into your teaching, research, mentoring, and service.

For full consideration, please apply by December 15, 2022, though we will continue to review applications past that date as needed.

EOE/AA/Minorities/Females/Veterans/
Disabled/Sexual Orientation/Gender Identity

New York University: NYU

Tandon School of Engineering: Computer Science & Engineering

Department Chair and Professor

The Department of Computer Science and Engineering (CSE) at the NYU Tandon School of Engineering (NYU Tandon) invites applications for the position of Department Chair and Professor of CSE, with an anticipated start date of September 1, 2023.

The CSE department has 21 tenured/tenure-track faculty members, including 13 NSF CAREER Award winners, as well as 13 contract faculty members. We have multiple tenure track faculty slots open for growth. The department has a

history of collaborative research across NYU, including with the Center for Urban Science and Progress, the Center for Data Science, the Grossman School of Medicine, the Global School of Public Health, the Courant Institute of Mathematical Sciences, and other Tandon School of Engineering Departments.

Departmental research areas include big data management, analysis, and visualization, security and privacy, algorithms and theory, and machine learning. We also have groups working in interdisciplinary research areas like AI for games, fair and responsible data science, cybercrime, public health and social media, online political communication, urban computing, and sports analytics.

The next Chair will shape the department's future; attract the finest faculty; identify areas for investment; pursue and strengthen cross-disciplinary and interdisciplinary efforts in research and education; champion the work of the department; and oversee the maturation of the department's organizational structure to support the growth of the department. Tandon seeks a Chair who combines outstanding achievements in computer science with effective leadership, collaborative and creative strength, outstanding interpersonal and communication skills, and a passion for the mission of the department, the School, and the University.

Application Instructions

Please submit applications electronically at the following link: <https://apply.interfolio.com/118412>. Applications should include a cover letter, a current

CV, a research statement, a teaching statement, recent teaching evaluations (if available), as well as *a statement of your experience in inclusion, diversity, belonging and equity (IDBE) efforts*, and your plans to incorporate them into your teaching, research, mentoring and service. Please also list the names and contact information for four references.

We will review applications beginning on December 1, 2022, and will continue until we fill the position. We encourage you to submit early.

Confidential inquiries and nominations should be directed to:

Karen McPhedran, Managing Associate

Alexandra Lolavar, Associate

Courtney Cabansag, Associate

Briana Hughey, Search Coordinator

www.imsearch.com/8822

Northeastern University

Assistant/Associate/Full Teaching Professor

The Khoury College of Computer Sciences at Northeastern University is looking for passionate teacher-scholars to join our faculty. Khoury College is a fun, dynamic environment with great colleagues who are deeply committed to fostering a diverse and inclusive learning environment and to generating diversity of thought and broadening participation in the field of computing.

Teaching, building relationships with students, and service to the college &

university are all integral components of the position. Additionally, Khoury College supports teaching faculty who choose to pursue impactful activities beyond these responsibilities, including research & scholarship, diversity initiatives, and outreach to the local community.

We have a variety of full-time, teaching-track positions available across our campuses in Arlington, VA; Boston, MA; Portland, ME; Seattle, WA; San Jose, CA; and Vancouver, Canada.

Full descriptions of all positions and instructions for applying can be found on our open faculty positions page: <https://www.khoury.northeastern.edu/information-for-overview/prospective-faculty/open-positions/teaching-faculty/>

Northeastern University

Assistant Professor – Khoury College of Computer Sciences

The Khoury College of Computer Sciences at Northeastern University invites applications for multiple tenure-track faculty positions at the rank of Assistant Professor, beginning 2024-25 or 2025-26. The College is seeking to give excellent candidates across all demographics of society the opportunity, resources, and support to establish innovative and impactful research careers. These positions are for candidates at the earliest stages of their careers and provide an option of a 1- to 2-year Khoury Research Fellow position, to allow candidates to ramp up their research programs before starting on the tenure

track. We welcome candidates in all areas of computing.

The tenure home will reside in the Khoury College of Computer Sciences, with a potential joint appointment with another Northeastern college, to be determined in consultation with the person filling the position. Northeastern University is a global university system. Positions will primarily be on the Boston campus but may be available at any of our 14 campus locations. In addition to Boston, Khoury College currently offers programs in Portland (ME), San Francisco, Seattle, Silicon Valley, and Vancouver, and is launching new programs in Arlington (VA) and Oakland in 2023.

Faculty members at Northeastern are expected to develop independent research programs that attract external funding; teach courses at the graduate and undergraduate level; supervise students and postdocs in their area of research; and participate in service to the department, university, and discipline. Candidates must hold a PhD in Computer Science or a related field from an accredited institution by the appointment start date. They must be interested in conducting high-impact research and be committed to teaching excellence. We encourage applicants from a wide range of backgrounds, including academia and industry.

For more details and to apply, please visit

<https://khoury.northeastern.edu/information-for-overview/prospective-faculty/open-positions/tenure-track/>

For full consideration, application materials should be received by November

15, 2022. However, applications will be accepted until the search is completed.

Khoury College has a diverse tenured/tenure-track faculty of 87 and it offers a broad array of research and educational opportunities to students. Since 2012, the college has hired 147 outstanding tenured/tenure-track and full-time-non-tenure-track faculty members and plans to continue this strategic growth in the coming years. Faculty research spans all areas of computing and is interdisciplinary across seven of Northeastern's colleges; 33 of the 87 tenured/tenure-track faculty have joint appointments with other academic departments, including Electrical and Computer Engineering, Art and Design, Health Sciences, Communication Sciences and Disorders, Physics, Political Science, Psychology, Philosophy and Religion, Business, Mathematics, and Law. Khoury faculty members are integral to Northeastern University's multidisciplinary institutes including the Network Science Institute, the Cybersecurity and Privacy Institute, the Institute for Experiential Robotics, and the new Institute of Experiential Artificial Intelligence.

Khoury College is committed to broadening participation in CS to increase diversity of thought and demographics. For undergraduates, Khoury offers over 40 combined majors (CS+X) and has recently launched the Center for Inclusive Computing, which has the mission to broaden participation in undergraduate computing programs nationally. At the graduate level Khoury is now scaling its successful Align MS in CS program for people who did not study CS as an undergraduate. This includes building a

consortium of universities in the U.S. to offer similar programs.

Northeastern University is an equal opportunity employer, seeking to recruit and support a broadly diverse community of faculty and staff. Northeastern values and celebrates diversity in all its forms and strives to foster an inclusive culture built on respect that affirms inter-group relations and builds cohesion. All qualified applicants are encouraged to apply and will receive consideration for employment without regard to race, religion, color, national origin, age, sex, sexual orientation, disability status, or any other characteristic protected by applicable law.

Northeastern University

Associate/Full Professor - Khoury College of Computer Sciences

The Khoury College of Computer Sciences at Northeastern University has multiple tenure-track/tenured faculty positions at the rank of Associate Professor or Full Professor, beginning 2023-24. Applications will also be considered for the 2024-25 academic year. We welcome exceptional candidates in all areas of computing. Candidates must have an excellent track record in research and an established history of grant support or industry research, with the potential for strong leadership in their research field. Research excellence is the top-most priority.

The tenure home will reside in the Khoury College of Computer Sciences, with a potential joint appointment with another Northeastern college, to be determined in consultation with the person filling

the position. Northeastern University is a global university system. Positions will primarily be on the Boston campus but may be available at any of our 14 campus locations. In addition to Boston, Khoury College currently offers programs in Portland (ME), San Francisco, Seattle, Silicon Valley, and Vancouver, and is launching new programs in Arlington (VA) and Oakland in 2023.

Faculty members at Northeastern are expected to develop independent research programs that attract external funding; teach courses at the graduate and undergraduate level; supervise students and postdocs in their area of research; and participate in service to the department, university, and discipline. Candidates must hold a PhD in Computer Science or a related field from an accredited institution by the appointment start date. They must be interested in conducting high-impact research and be committed to teaching excellence. We encourage applicants from a wide range of backgrounds, including academia and industry.

For more details and to apply, please visit <https://khoury.northeastern.edu/information-for-overview/prospective-faculty/open-positions/tenure-track>

For full consideration, application materials should be received by November 15, 2022. However, applications will be accepted until the search is completed.

Khoury College has a diverse tenured/tenure-track faculty of 87 and it offers a broad array of research and educational opportunities to students. Since 2012, the college has hired 147 outstanding

tenured/tenure-track and full-time-non-tenure-track faculty members and plans to continue this strategic growth in the coming years. Faculty research spans all areas of computing and is interdisciplinary across seven of Northeastern's colleges; 33 of the 87 tenured/tenure-track faculty have joint appointments with other academic departments, including Electrical and Computer Engineering, Art and Design, Health Sciences, Communication Sciences and Disorders, Physics, Political Science, Psychology, Philosophy and Religion, Business, Mathematics, and Law. Khoury faculty members are integral to Northeastern University's multidisciplinary institutes including the Network Science Institute, the Cybersecurity and Privacy Institute, the Institute for Experiential Robotics, and the new Institute of Experiential Artificial Intelligence.

Khoury College is committed to broadening participation in CS to increase diversity of thought and demographics. For undergraduates, Khoury offers over 40 combined majors (CS+X) and has recently launched the Center for Inclusive Computing, which has the mission to broaden participation in undergraduate computing programs nationally. At the graduate level Khoury is now scaling its successful Align MS in CS program for people who did not study CS as an undergraduate. This includes building a consortium of universities in the U.S. to offer similar programs.

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and celebrates diversity in all its forms and strives to foster an inclusive culture built on respect that affirms inter-group relations and builds cohesion. All qualified applicants are encouraged to apply and will receive consideration for employment without regard to race, religion, color, national origin, age, sex, sexual orientation, disability status, or any other characteristic protected by applicable law.

Northeastern University

Open rank tenure-track faculty positions in cross-disciplinary themes

The Khoury College of Computer Sciences at Northeastern University has multiple faculty positions at all ranks (Assistant Professor, Associate Professor, Full Professor), beginning Fall 2023. We are especially interested in faculty whose expertise connects with broad multi-disciplinary themes, which are shared across Northeastern colleges and listed below.

Expertise in AI, ML, NLP, robotics, computer vision, resilient systems, security, cryptography, privacy and usable security, computer science education, game design and XR, HCI, data visualization, human-centered computing, social computing and assistive technology are specifically called out in the searches listed below.

- **Artificial Intelligence (AI) and Social Justice**, including the following areas: algorithmic justice; ethical and social implications of AI and HCI; social computing; societal and governance issues raised by AI, HCI, ML, robotics, or big data.
- **Extraordinary HCI and Inclusive Design**, including the following areas:

HCI; robotics; human-robot interaction; computer vision; assistive technologies; data visualization; inclusive design; participatory and universal design; and human-centered computing.

- **Education Innovation and Extended Reality (XR)**, including the following areas: computer science education; AI and ML methods in education; HCI methods in education; technology-mediated personalized learning; game design and XR in education.
- **Health and Technology/Data**, including the following areas: digital health and sensing; wearable computing; HCI in health; AI, ML, and natural language processing methods in health; ubiquitous computing.
- **Technology, Digital Economies, and Privacy**, including the following areas: AI, ML, NLP, and computer vision; security; cryptography; privacy (especially differential privacy); usable security; human-centered computing; and digital systems resilience.

Candidates with expertise in other core areas of Computer Science including databases, programming languages, systems, software engineering, networking, and theory, whose work aligns with any of the above themes, are also strongly encouraged to apply.

The tenure home will reside in the Khoury College of Computer Sciences, with a potential joint appointment with another Northeastern college, to be determined in consultation with the person filling the position. Northeastern University is a global university system. Positions will primarily be on the Boston campus

but may be available at any of our 14 campus locations. In addition to Boston, Khoury College currently offers programs in Portland (ME), San Francisco, Seattle, Silicon Valley, and Vancouver, and is launching new programs in Arlington (VA) and Oakland in 2023.

Faculty members at Northeastern are expected to develop independent research programs that attract external funding; teach courses at the graduate and undergraduate level; supervise students and postdocs in their area of research; and participate in service to the department, university, and discipline. Candidates must hold a PhD in Computer Science or a related field from an accredited institution by the appointment start date. They must be interested in conducting high-impact research and be committed to teaching excellence. We encourage applicants from a wide range of backgrounds, including academia and industry.

For more details and to apply, please visit <https://khoury.northeastern.edu/information-for-overview/prospective-faculty/open-positions/tenure-track/>

For full consideration, application materials should be received by November 15, 2022. However, applications will be accepted until the search is completed.

Khoury College has a diverse tenured/tenure-track faculty of 87 and it offers a broad array of research and educational opportunities to students. Since 2012, the college has hired 147 outstanding tenured/tenure-track and full-time-non-tenure-track faculty members and plans to continue this strategic growth in the

coming years. Faculty research spans all areas of computing and is interdisciplinary across seven of Northeastern's colleges; 33 of the 87 tenured/tenure-track faculty have joint appointments with other academic departments, including Electrical and Computer Engineering, Art and Design, Health Sciences, Communication Sciences and Disorders, Physics, Political Science, Psychology, Philosophy and Religion, Business, Mathematics, and Law. Khoury faculty members are integral to Northeastern University's multidisciplinary institutes including the Network Science Institute, the Cybersecurity and Privacy Institute, the Institute for Experiential Robotics, and the new Institute of Experiential Artificial Intelligence.

Khoury College is committed to broadening participation in CS to increase diversity of thought and demographics. For undergraduates, Khoury offers over 40 combined majors (CS+X) and has recently launched the Center for Inclusive Computing, which has the mission to broaden participation in undergraduate computing programs nationally. At the graduate level Khoury is now scaling its successful Align MS in CS program for people who did not study CS as an undergraduate. This includes building a consortium of universities in the U.S. to offer similar programs.

Northeastern University is an equal opportunity employer, seeking to recruit and support a broadly diverse community of faculty and staff. Northeastern values and celebrates diversity in all its forms and strives to foster an inclusive culture built on respect that affirms inter-group relations and builds cohesion. All qualified

applicants are encouraged to apply and will receive consideration for employment without regard to race, religion, color, national origin, age, sex, sexual orientation, disability status, or any other characteristic protected by applicable law.

Northern Illinois University

Assistant Professor

Department of Computer Science—College of Liberal Arts and Sciences Northern Illinois University

The Computer Science Department at Northern Illinois University (NIU) invites applicants to tenure-track appointments at the rank of Assistant Professor to start in August 2023.

NIU and the Computer Science Department value diversity, equity, and inclusion (DEI). We expect candidates to equally value these principles and to serve as active participants and allies in working toward DEI initiatives.

NIU is a public research university in DeKalb, IL, an affordable and growing community that is commutable distance from Chicago and Rockford metropolitan areas. Our 16,000+ student body is diverse, with many first-generation and racially and culturally diverse students. NIU prides itself on student-centered approaches to teaching and research, and has social mobility, equity, and inclusion at the heart of its mission. Recently, NIU was nationally recognized as a top college for diversity and LGBTQ+ students and has been named one of the Great Colleges to Work For two years in a row.

Position Summary:

The Assistant Professor will work with in the various areas within the field of Computer Science. Responsibilities include teaching, scholarship, acquiring external funding, and service.

Minimum Required Qualifications:

Candidates must have or expect to complete a Ph.D. or equivalent degree in computer science or related field by August 16, 2023. Candidates must have expertise or evident potential for quality teaching in computer science at both the undergraduate and graduate levels. Further, candidates must show evidence of, or potential for, publishing in premier peer-reviewed journals, developing an independent line of research, and securing external funding.

Additional Requirements:

Candidates must have effective interpersonal communication skills and a commitment to working effectively in a collegial, multicultural environment.

Preferred Qualifications:

Candidates from all research areas are welcome, but preference will be given to candidates with expertise in Artificial Intelligence or Machine Learning in alignment with the department's research vision and the President's University Research Goals. Candidates who have experience working in settings with students from diverse cultural backgrounds, and who possess a commitment to improving their access to higher education and achievement.

Salary:

Salary is negotiable and commensurate with experience and qualifications; position includes a robust benefits package.

Application Procedures:

For full consideration, prospective applications should visit <https://employment.niu.edu/postings/67542> to apply, and upload the following materials as part of their application by **January 20, 2023**:

- Cover letter (2 page limit and should describe the interest in the position and how the candidate's expertise links to the department's research and teaching mission)
- Curriculum vitae (no page limit)
- Research statement (3 page limit and should articulate current and proposed research topics, settings or application areas, and potential funding sources)
- Teaching statement (2 page limit and should describe the applicant's undergraduate and graduate teaching interests and experiences - both existing and future courses - and convey the candidate's understanding of evidence-based teaching practices)
- Contributions to diversity statement (2 page limit and applicants are encouraged to describe how their past, present or potential teaching, research, and life experiences will inform their efforts to advance equity for diverse communities, including populations that are historically underrepresented or marginalized in the field, to provide a welcoming, inclusive learning environment for all students).

Applications submitted after January 20, 2023 are welcomed, but will be considered as needed. Successful completion of a background check will be required upon hire and prior to start date.

Equal Employment Opportunity Statement:

NIU is committed to fostering a diverse and inclusive academic global community; as an AA/EEO employer, NIU considers qualified applicants for employment without regard to, and does not discriminate on the basis of, gender, race, color, national origin, sexual orientation, religion, protected veteran status, disability, or any other legally protected status.

Northwestern University

Computer Science Faculty of Instruction/ Lecturers

Northwestern University Computer Science seeks outstanding candidates for non-tenure-track teaching faculty and Lecturers in all areas of Computer Science. Northwestern CS is a dynamic and growing academic community with students at the undergraduate, masters, and doctoral level. The successful applicant will be an extraordinary teacher and mentor, combining deep knowledge of Computer Science with a passion to convey that knowledge to a broad variety of students. They will go well beyond delivering entry-level service courses to create learning experiences that motivate students to enroll, to work, to learn, and to find new applications of CS that shape their careers and the world beyond. This is a multi-year, renewable position.

Our goal is to help new faculty to build lasting and meaningful careers within a supportive community that values teaching and learning.

To be eligible for the faculty of instruction positions, applicants should have earned a Ph.D. in Computer Science or a closely related field. Candidates will be considered at the Assistant, Associate, or Full level depending on experience. For the Lecturer position, a Masters in Computer Science and a strong, demonstrable track record of Computer Science teaching is required. Faculty of Instruction typically teach two courses per term and are involved in advising students and in departmental curriculum development.

Applicants should submit:

1. A cover letter indicating the rank applied for
2. A curriculum vitae
3. Three to five letters of reference which can speak to the applicant's teaching abilities
4. A statement of teaching philosophy
5. An optional diversity statement that addresses how the candidate contributes to inclusive, accessible, and equitable educational environments.
6. Recent teaching evaluations (if available)
7. A teaching demonstration video (if available)

We encourage candidates to send applications as soon as possible. Applications received by **December 1, 2022** will be given full consideration. However, the positions will remain open

until filled. Applications received after that date will be considered on a rolling basis.

Apply Now

Candidates may also be considered for an Assistant Chair position. The Assistant Chair will serve as a member of our non-tenure track teaching faculty and will typically teach one course per quarter. They will support the smooth running of the department including supporting the undergraduate and graduate programs (course scheduling, course staffing, facilitating promotion and tenure review), interacting with students (advising, recruiting, career development, and of course teaching), curriculum development, and developing corporate relationships. Applicants may indicate their interest in the Assistant Chair position in their cover letter and why they are a good fit for it. For this role someone with prior academic experience is essential.

Northwestern is a leading R1 university comprising a number of highly ranking schools that provide extraordinary opportunities for collaboration across a wide range of disciplines. The Computer Science department is leading an ambitious initiative to *grow and transform Computer Science (CS)* education and research. The department is in the midst of adding twenty new tenure-track faculty in core Computer Science and collaboratively with other disciplines (*CS + X*). Northwestern has a very active and supportive community of 10 Computer Science Faculty of Instruction. We have a strong culture of mentorship and collaboration within the group, and fully participate in and

are well respected members of the department. We continue to invest in new courses, non-major pathways, and new joint degrees to broaden the reach and quality of computing education. We seek outstanding candidates who are excited by the opportunity to help build the future of CS at a world-class university. Located in beautiful Evanston, on the shores of lake Michigan, just outside the diverse and culturally vibrant city of Chicago, Northwestern faculty have ample opportunities to connect with the city's growing technology sector.

Northwestern University

Instructional Faculty Position in Data Science & Engineering

We invite applications from outstanding candidates for Assistant Professor of Instruction to support the growing program in Data Science & Engineering. This faculty position will be jointly appointed in the [Department of Computer Science](#) and the [Department of Industrial Engineering & Management Sciences](#), and will begin September 2023. Applicants should hold an earned Ph.D. or be near completion of their doctoral studies in industrial engineering, operations research, computer science, statistics, or a closely related field. The successful applicant will have demonstrated teaching potential in statistics, operations research, computer science, data science, or closely related areas, and can combine strong and deep knowledge with a passion to convey that knowledge to a broad variety of Northwestern engineering students. The

successful applicant will further create a learning environment that motivates students to enroll, to work, to learn, and to find new applications of data science and engineering that shape their careers and the world beyond. This is a multi-year, renewable position.

The [Data Science & Engineering Minor](#) is open to all undergraduate engineering majors at Northwestern and features an exclusive two-course data studio sequence to provide hands-on data pipeline experience to students in the minor. We particularly seek applicants who can contribute to our vision for excellence, growth and continued visibility for Data Science & Engineering at Northwestern. Faculty of Instruction typically teach two courses per term and are involved in advising students and curriculum development.

Submit applications electronically at mccormick.northwestern.edu/data-science-engineering/careers/. Candidates are asked to submit a cover letter and a curriculum vitae, a teaching statement, a diversity statement, and contact information for three references who can speak to the candidate's teaching ability. The teaching statement should include a description of prior teaching experience and teaching philosophy. Candidates are also encouraged to supply recent teaching evaluations and a teaching demonstration video if available.

Applications received by December 1, 2022 will be given full consideration. To be considered for a meeting at INFORMS, please submit materials by October 1.

Northwestern University

Tenure-Track faculty in Computer Science, all levels

Northwestern University continues its ambitious initiative to grow and transform Computer Science (CS) [northwestern.edu/newscenter/stories/2016/06/major-expansion-in-computer-science.html]. The Computer Science department is in the midst of adding twenty new tenure-track faculty in core Computer Science and collaboratively with other disciplines (**CS + X**), as well as a number of non-tenure-track teaching faculty. We seek outstanding candidates who are excited by the opportunity to help build the future of CS at a world-class university. Northwestern is a leading R1 university comprising a number of highly ranking schools that provide extraordinary opportunities for collaboration across a wide range of disciplines. Located in beautiful Evanston, on the shores of lake Michigan, just outside the diverse and culturally vibrant city of Chicago, Northwestern faculty have ample opportunities to connect with the city's growing technology sector.

We invite candidates to apply for new positions as Assistant, Associate and Full Professor of Computer Science. We are interested in applications from outstanding candidates in all areas of Computer Science. The department is especially interested in applicants with exceptional research track record in the following areas: quantum computing (particularly quantum computer systems and quantum algorithms), complexity

theory, parallel systems (particularly as it intersects with architecture, programming languages, compilers, operating systems, and high performance computing), global-scale networked systems as critical infrastructure, and machine learning. Machine learning (ML) is a cross-cutting area of interest. Researchers that advance ML by grounding their work in problems that relate to any of the domains mentioned in this call are particularly encouraged to apply.

We also encourage applicants to **CS + X** faculty positions jointly with other schools or departments at Northwestern, for individuals and teams exploring new research boundaries in computation. In the last few years, we have hired jointly with Preventive Medicine, Statistics, Learning Sciences, Physical Medicine and Rehabilitation, Mechanical Engineering, Economics, Communication Studies, Journalism, and the Segal Design Institute, and we remain committed to interdisciplinary research leveraging Northwestern's unique strengths and world-class schools in many areas. Priority in all areas will be given to applicants with path-breaking research interests that have the potential to transform both Computer Science and other disciplines.

We encourage candidates to send applications as soon as possible and might begin interviews before the deadline. Applications received by **December 10, 2022** will be given full consideration. However, the positions will remain open until filled. Applications received after that date will be considered on a rolling basis.

Applicants should submit (1) a cover letter indicating the rank applied for,

(2) a curriculum vitae, (3) three to five letters of reference, (4) a statement of research interests, (5) a statement of teaching philosophy, (6) an optional diversity statement that addresses how the candidate contributes to diverse excellence, and (7) two representative publications. Application instructions can be found at mccormick.northwestern.edu/computer-science/resources/careers-computer-science.html. For general questions about the search or application assistance post submission, contact faculty-search@cs.northwestern.edu.

Applications can be submitted online at facultyrecruiting.northwestern.edu/apply/MTYOMg==

NYU Tandon School of Engineering

Contract Faculty

The Department of Computer Science and Engineering at the NYU Tandon School of Engineering invites applications for two full time, non-tenured, renewable faculty positions in Computer Science, at the level of Industry Assistant Professor or Industry Associate Professor, with a start date of January 2, 2023 or September 1, 2023. The position's primary role is teaching undergraduate and graduate Computer Science courses.

Apply Here: <https://apply.interfolio.com/113394>

We will review applications as they arrive and will continue until we fill the position. We encourage you to submit early. Should

you have any questions please contact Jeff Epstein at jeff.epstein@nyu.edu.

NYU Shanghai

Tenured/Tenure-track Positions in Computer Science

NYU Shanghai is currently inviting applications for Tenured or Tenure-Track positions in Computer Science. The search is not restricted to any rank and outstanding candidates at all levels are encouraged to apply. We seek candidates who have completed a Ph.D. in Computer Science, or a closely related discipline. We seek candidates in all sub-fields of Computer Science, with particular interest in Systems, Computer Science Theory, Quantum Computing, Artificial Intelligence and Deep Learning.

Applicants will submit a cover letter, curriculum vitae, statement of research, and a statement of teaching interests. Additionally, junior applicants will be prompted to enter the names and email addresses of at least three referees. Each referee will be contacted to upload a reference letter through Interfolio.

Review of applications will begin on January 1, 2023 and will continue until the position is filled. To apply, please follow this link <https://apply.interfolio.com/116511>. If you have any questions, please email the NYU Shanghai NY Office of Faculty Recruitment shanghai.faculty.recruitment@nyu.edu.

Terms of employment at NYU Shanghai are comparable to NYU New York and other U.S. institutions with respect to research

start-up funds and compensation, and they include housing subsidies and educational subsidies for children. Faculty may in certain cases have the opportunity to spend time at NYU New York and other sites of the NYU Global Network, engaging in both research and teaching.

About NYU Shanghai

NYU Shanghai is the third degree-granting campus within New York University's global network. It is the first higher education joint venture in China authorized to grant degrees that are accredited in the U.S. as well as in China. All teaching is conducted in English. A research university with liberal arts and sciences at its core, NYU Shanghai resides in one of the world's great cities with a vibrant intellectual community. NYU Shanghai recruits scholars of the highest caliber who are committed to NYU's global vision of transformative teaching and innovative research and who embody the global society in which we live.

NYU's global network includes degree-granting campuses in New York, Shanghai, and Abu Dhabi, complemented by fourteen additional academic centers across five continents. Faculty and students circulate within the network in pursuit of common research interests and cross-cultural, interdisciplinary endeavors, both local and global.

For people in the EU, click here for information on your privacy rights under GDPR: www.nyu.edu/it/gdpr.

NYU Shanghai is an equal opportunity employer committed to equity, diversity, and social inclusion. We strongly

encourage applications from under-represented individuals in the profession, across color, creed, race, ethnic and national origin, physical ability, and gender and sexual identity. NYU Shanghai affirms the value of differing perspectives on the world as we strive to build the strongest possible university with the widest reach.

Ohio State University

Open Tenure-Track Faculty Positions, Equity by Design

The Departments of Computer Science & Engineering (<https://cse.osu.edu>) and Electrical & Computer Engineering (<https://ece.osu.edu>) at The Ohio State University invite applications for tenure-track faculty appointments. Three positions are anticipated, with two at the assistant professor rank (one in each department) and one joint appointment at an open rank. These positions are part of the university's RAISE Initiative (Race, Inclusion, and Social Equity). Research focus is expected to address bias and inequity in engineering design, as manifested in areas such as, but not limited to, artificial intelligence, machine learning, human-centric computing, robotics, circuits, electronic/photonics devices, feedback control, and technology for social justice. One particular area of interest is the co-design of hardware and software to remove inequity in devices and systems operation.

Additional details and application instructions are available at <https://go.osu.edu/cse-ece-equity-by-design>

Oklahoma State University

Department of Computer Science

Department Head

The Department of Computer Science at Oklahoma State University invites applications for the position of Department Head beginning July 01, 2023, or as negotiated. The position is an 11-month, tenured appointment, and areas of specialization are open. Salary is competitive and commensurate with credentials and experience.

Qualifications: The successful candidate will have an earned Ph.D. in Computer Science or a related field and have a record of active and continuing scholarship, external funding and/or experience of fundraising, and successful teaching at the university or college level. Their record should also demonstrate strong leadership and innovation. Preferably, the candidate's record should warrant appointment at the rank of full Professor. The successful candidate will possess and show evidence of a demonstrated commitment to building equitable, diverse classroom and research environments and display effective interpersonal and communication skills.

Application Instructions: To apply, submit a letter of application, current CV, evidence of teaching effectiveness, a research statement, diversity statements, a departmental vision statement, and names with contact information for three references through Interfolio. Informal inquiries are welcome and should be directed to Jason Belden at jason.belden@okstate.edu.

Application link:

<https://apply.interfolio.com/117334>

Oklahoma State University, as an equal opportunity employer, complies with all applicable federal and state laws regarding non-discrimination and affirmative action.

Old Dominion University

Lecturer in Computer Science (Non-Tenure Track, F0680A1)

The Department invites applicants for a Lecturer position beginning July 2023. An MS or the equivalent in Computer Science and college-level teaching experience is required. The successful applicant must be prepared to teach a broad range of undergraduate courses, including C# programming courses, and to handle the usual faculty service load. Consideration will be given to an applicant's history of course development for both live classrooms and distance learning environments and to experience with teaching and managing large course sections. Consideration will also be given for a PhD in Computer Science with the accompanying ability or experience to teach graduate courses in Computer Science.

Interested candidates should submit materials at <https://jobs.odu.edu/postings/117293>. Applicants should attach the following to the online application: a cover letter; a curriculum vitae; unofficial graduate transcripts; a statement of teaching philosophy; and contact information for three academic or professional references (references will be contacted if applicant moves forward in the search).

The review of applications will begin on January 10, 2023 and continue until the position is filled. Any questions you have should be directed to the Search Committee Chair, Dr. Steve Zeil (zeil@cs.odu.edu).

It is the policy of Old Dominion University to provide equal employment, educational and social opportunities for all persons, without regard to race (or traits historically associated with race including hair texture, hair type, and protective hairstyles such as braids, locks, and twists), color, religion, sex or gender (including pregnancy, childbirth, or related medical conditions), national origin, gender identity or expression, age, veteran status, disability, political affiliation, sexual orientation or genetic information. Minorities, women, veterans, LGBTQ+, and individuals with disabilities are encouraged to apply.

Oregon State University

College of Engineering

Multiple Faculty Positions In Electrical Engineering

The School of Electrical Engineering and Computer Science (EECS) at Oregon State University invites applications for multiple tenure-track faculty positions in **energy systems, packaging and integration, and materials and devices**. These positions are part of a university-wide initiative to strengthen and support the university's vision of leading world-class, team-based, interdisciplinary research and education.

The initiative includes over \$200 million in planned public and private

investments in facilities, equipment, faculty hiring and programs, including the construction of the Jen-Hsun and Lori Huang Collaborative Innovation Complex (CIC), to help propel Oregon State's mission to pursue groundbreaking solutions for the betterment of humanity, the environment and the economy. The complex will harness one of the nation's most powerful supercomputers designed to solve the world's most challenging computational problems, a state-of-the-art clean room and other specialized research facilities purposely designed to facilitate team-based research. Through this effort, engineering faculty will collaborate with world-renowned faculty and nationally-ranked programs in ocean, earth and climate science to empower success and address the grand challenges in climate science, oceanography, sustainability, and water resources to improve the quality of human life.

The appointments will be at the rank of Assistant Professor, but exceptionally qualified candidates may be considered for Associate or Full Professorship. Applicants must hold a Ph.D. or an equivalent degree in Electrical and Computer Engineering or a closely related discipline by the expected start date of Fall 2023.

Successful applicants will demonstrate capability for building a robust research program that complements existing expertise in the School of EECS and enhances the scope for collaborative and multidisciplinary projects with the Collaborative Robotics and Intelligent Systems Institute; the College of Earth, Ocean and Atmospheric Sciences; the

Hatfield Marine Science Center; and the Oregon Health and Science University, among other organizations. Successful applicants will also demonstrate a passion for and excellence in teaching and mentoring, with a strong commitment to promoting inclusion and equity for learners from diverse groups. The applicants are expected to be able to teach undergraduate and graduate-level courses in electrical and computer engineering in different modalities as required.

The School of EECS has over 100 faculty members (of which 66 are tenured or on the tenure track) and more than 3900 undergraduate and 450 graduate students. Numerous national awards attest to the scholarly accomplishments and distinction of the faculty: two inductees in the National Academy of Engineering, 23 professional society fellows and 27 winners of prestigious early-career investigator awards. Students and faculty members have access to extensive shared-use equipment for the fabrication and characterization of electronic materials and devices in the Materials Synthesis and Characterization (MaSC) Facility, for characterization and testing of IC prototypes in the Analog & Mixed Signals and Systems Lab, and for high power testing in The Wallace Energy Systems & Renewables Facility (WESRF). Additionally, the new \$200 million Collaborative Innovation Complex (CIC) at Oregon State University will provide rich resources to support innovation and entrepreneurship. The complex will harness one of the nation's most powerful supercomputer designed to solve the world's most challenging computational problems,

a purpose built clean room, and other specialized research facilities purposely designed to facilitate team-based research. The CIC will further increase opportunities for collaboration with industry partners in Oregon's silicon forest and the Pacific Northwest National Laboratory.

Oregon State University (OSU) is located in Corvallis, a welcoming, multicultural college town with nearly 60,000 residents. Corvallis is ranked among the top ten places to live in the U.S. OSU is an Affirmative Action/Equal Opportunity employer and is committed to continuing to build and support a diverse and inclusive community of faculty, students and staff. The university actively supports dual-career opportunities. The College of Engineering is third among tier-one public universities for the percentage of women faculty members in its ranks. We particularly encourage women, members of historically underrepresented racial/ethnic groups, individuals with disabilities, veterans, LGBTQ community members, and others who share our vision of an inclusive community to apply.

Applications may be submitted online at <https://jobs.oregonstate.edu/postings/127469> (posting #P06168UF) with the following six documents: (1) letter of interest; (2) vita; (3) two-page statement of research interests; (4) one-page statement of teaching interests; (5) one-page statement on the candidate's experiences with and plans to support equity and inclusion; and (6) names and contact information for at least three references.

For full consideration, complete applications must be received by December 31, 2022. The posting will remain open until March 31, 2023, or until all positions are filled. We strongly encourage candidates to apply early.

Oregon State University

Multiple Faculty Positions In Computer Science And Artificial Intelligence

Oregon State University | College of Engineering

The School of Electrical Engineering and Computer Science at Oregon State University invites applications for several full-time, nine-month, tenure-track and tenured faculty positions at all levels. We seek faculty candidates in software engineering, artificial intelligence, and security/systems. These positions are part of a university-wide initiative to support team-based interdisciplinary research and education.

The initiative includes a planned 150,000 square feet Jen-Hsun and Lori Huang Collaborative Innovation Complex as well as over \$200 million in planned public and private investments in facilities, equipment, faculty hiring and programs. The complex will harness one of the nation's most powerful supercomputers designed to solve the world's most challenging computational problems, a state-of-the-art clean room and other specialized research facilities purposely designed to facilitate team-based research. Through this effort, engineering

faculty will participate in nationally-ranked programs in ocean, earth and climate science to help propel Oregon State's mission to pursue groundbreaking solutions for the betterment of humanity, the environment and the economy.

As a land grant institution committed to teaching, research, outreach and engagement, Oregon State promotes economic, social, cultural, and environmental progress for the people of Oregon, the nation, and the world. In support of this mission, the College of Engineering recently updated its strategic plan to advance high-impact research; ensure excellent student learning; and develop a community that is inclusive, collaborative, diverse, and centered on student success.

Applicants should demonstrate a strong commitment and capacity to initiate newly funded research and expand and complement existing research programs in the OSU College of Engineering and beyond. Furthermore, applicants should demonstrate a strong commitment to undergraduate and graduate teaching. Applicants are expected to mentor students and promote equitable outcomes among learners of diverse and underrepresented identity groups. Applicants must hold a Ph.D. degree in Computer Science, Electrical and Computer Engineering, or a closely related discipline.

Oregon State University is located at the heart of Oregon's Willamette Valley and close to Portland's Silicon Forest, with numerous collaboration opportunities. The School of EECS has 66 tenured/

tenure-track faculty members and 490 graduate students (212 Ph.D. students). Among the faculty, we have two National Academy of Engineering members, 23 professional society (IEEE and ACM) Fellows, and 27 Young Investigator/ CAREER Award recipients. Among our several areas of distinction is a widely-recognized program in usability engineering aimed at eliminating gender bias in software and promoting inclusive technology. We launched new Master and Ph.D. degrees in Artificial Intelligence in the Fall of 2021. Many faculty members of the School of EECS are also active participants in the recently established Collaborative Robotics and Intelligent Systems (CoRIS) Institute and the Pervasive Personalized Intelligence Center. The School of EECS boasts of a highly-ranked online postbac program in computer science which has become a national model and has recently started the online BS, Meng and MS programs in computer science.

Corvallis has been ranked #1 on a list of "Best Places for Work-Life Balance," and is within easy reach of Portland, Eugene, the Cascade mountain range, and the Oregon Coast. Oregon State's strong institutional commitment to diversity and multiculturalism provides a welcoming atmosphere with unique professional opportunities for leaders from underrepresented groups. We are an Affirmative Action/Equal Opportunity employer and particularly encourage applications from members of historically underrepresented racial/ethnic groups, women, individuals with disabilities, veterans, LGBTQ community members,



Assistant Professor of Computer Science

Penn State Harrisburg's School of Science, Engineering, and Technology (SSET) is accepting applications for a tenure-track Assistant Professor in Computer Science to start on August 2023.

The School offers a Bachelor of Science and a Master of Science in Computer Science, in addition to several other undergraduates and graduate degrees in Engineering, Science, and Engineering Technology. SSET launched its first interdisciplinary Ph.D. program in engineering in the fall of 2022.

Job Responsibilities:

- Faculty members of SSET are expected to pursue and sustain scholarly research and publication; recruit and advise students; supervise graduate students and contribute to the department, college, university, and profession through academic and professional service.
- Faculty are also expected to actively promote and advance the school's steadfast commitment to students, academic service, and diversity and inclusion.

Education:

- A Ph.D. degree in Computer Science or a closely related field by the time of appointment is required.
- The assistant professor should possess a terminal degree or its equivalent in organized research or professional practice; must have demonstrated ability as a teacher or research worker; and must have shown definite evidence of growth in scholarly, artistic, or professional achievement.
- Candidates with teaching experience and research interests in compilers, principles of programming languages, or data science will be given priority.
- Individuals with other areas of research interest may also be considered.

How to Apply:

- Candidates should apply for the position of Assistant Professor of Computer Science, at Penn State Harrisburg by visiting <https://hr.psu.edu/careers>.
- Applicants should submit a cover letter, current curriculum vitae, a list of three professional references, copies of transcripts, as well as a personal statement of research and teaching objectives.

Review of applications will begin immediately and continue until the position is filled.

Penn State is a multi-campus public land-grant University. Penn State Harrisburg, the Capital College, is the largest among Penn State's Commonwealth Campuses, enrolling nearly 5,000 students and offering more than 75 degree programs. The School of Science, Engineering, and Technology at Penn State Harrisburg is the largest school within the college. For more information about Penn State Harrisburg, please visit the college's website at harrisburg.psu.edu.

Penn State is committed to and accountable for advancing diversity, equity, and inclusion in all of its forms. We embrace individual uniqueness, foster a culture of inclusion that supports both broad and specific diversity initiatives, leverage the educational and institutional benefits of diversity, and engage all individuals to help them thrive. We value inclusion as a core strength and an essential element of our public service mission. The School of Science, Engineering and Technology is committed to attracting and retaining a diverse workforce. We believe diversity benefits and enriches students, staff, and faculty within our school. We are dedicated to building and sustaining an equitable, inclusive, and welcoming teaching and learning environment where cultural diversity is valued and celebrated.

Apply online at <https://apptrk.com/3554062>

CAMPUS SECURITY CRIME STATISTICS:

For more about safety at Penn State, and to review the Annual Security Report which contains information about crime statistics and other safety and security matters, please go to <http://www.psu.edu/clery/>, which will also provide you with detail on how to request a hard copy of the Annual Security Report.

Penn State is an equal opportunity, affirmative action employer, and is committed to providing employment opportunities to all qualified applicants without regard to race, color, religion, age, sex, sexual orientation, gender identity, national origin, disability or protected veteran status.



Open Rank Faculty College of Information Sciences and Technology

The College of Information Sciences and Technology (IST) at The Pennsylvania State University invites applications for the following positions:

Multiple, Open-Rank, Tenure-Line Faculty positions in Cybersecurity and Privacy beginning in Fall 2023.

We are interested in the following areas as broadly defined:

- (1) Usable security/privacy,
- (2) AI for security/privacy and security/privacy of AI, and
- (3) System security.

We seek outstanding candidates with a demonstrated record of research to strengthen and complement our current research programs.

Candidates will be expected to teach undergraduate and graduate courses including residential, online, or hybrid courses.

Applicants should view the full advertisement and apply here:
<https://apptkr.com/3600978>

Open-Rank, Tenure-Line Faculty position in Human-Computer Interaction (HCI) beginning in Fall 2023.

We seek exceptional candidates with high-quality research and publications to strengthen and complement our current research programs.

We particularly seek scholars who transformatively enhance objectives and approaches to social justice through the design of digital tools and infrastructures.

Candidates will be expected to teach undergraduate and graduate courses including residential, online, or hybrid courses.

View full ad and apply here: <https://apptkr.com/3601571>

Open-rank, Tenure-line faculty position in Human-Centered Artificial Intelligence (HCAI) beginning in Fall 2023.

IST will serve as the tenure home, and this is a joint appointment with Institute for Computational and Data Sciences (ICDS).

We seek outstanding candidates with demonstrated research and scholarship in one or more areas of HCAI, including, but not limited to: developing AI policy frameworks, designing and modeling HCAI systems, detecting and mitigating algorithmic bias, enhancing algorithmic transparency and accountability, ensuring that AI systems conform to human and societal values, organizing and supporting effective AI-Human teams, enhancing participatory democracy, and empowering physically, socially, or economically disadvantaged individuals. We are especially interested in recruiting candidates whose research interests bridge the foundational and technical AI research challenges and the human-centered ethical, social, legal, educational, regulatory, public policy, health and wellbeing, and organizational or governance concerns.

Candidates will be expected to teach undergraduate and graduate courses including residential, online, or hybrid courses.

View full ad and apply here: <https://apptkr.com/3601570>

Open-rank, teaching faculty position(s) in Entrepreneurship and Innovation beginning in Fall 2023.

This is a non-tenure-line, limited term (multi-year) appointment with an excellent possibility of renewal. Applicants are expected to have experience in leveraging technology to support entrepreneurship, business growth, and innovative efforts in organizations of all sizes.

Candidates will be expected to teach undergraduate and as appropriate, qualified candidates may also teach graduate courses including residential, online, or hybrid courses.

View full ad and apply here: <https://apptkr.com/3601569>

Open-rank teaching faculty position(s) beginning in Fall 2023.

These are non-tenure-line, limited term (multi-year) appointments with an excellent possibility of renewal.

The primary responsibility will be teaching undergraduate courses including residential, online, and hybrid courses. As appropriate, qualified faculty may also teach graduate courses. Successful candidates should be prepared to teach relevant introductory and advanced undergraduate courses.

View full ad and apply here: <https://apptkr.com/3601568>

and others who share our vision of an inclusive community. The College of Engineering ranks high nationally in terms of the percentage of women faculty, and the university actively supports dual-career opportunities.

Apply online at <https://jobs.oregonstate.edu/postings/127562>

Posting # (P06174UF) with the following documents: A letter of interest; vita; a two-page statement of research interests; a one-page statement of teaching interests; a one-page statement of the candidate's experiences with and future plans towards equity and inclusion; and names and contact information for at least three references.

For full consideration, apply by December 15, 2022. Additional screening will continue until all positions are filled or until the posting closing date of June 30, 2023, whichever comes first.

Portland State University

Assistant Professor

The Department of Computer Science at Portland State University seeks outstanding candidates for tenure track faculty positions at the Assistant Professor level (up to 2 positions). We are particularly interested in candidates with a background in topics related to one or more of cybersecurity, privacy, and/or trusted systems. Applicants should have a clear research agenda that seeks to address recognized challenges that are relevant to many constituents and that complement our existing research programs.

The Department of Computer Science currently has 21 tenure-track faculty members, including 5 NSF CAREER Award winners and an ACM Fellow. The department offers an ABET-accredited B.S. degree, both a thesis and a non-thesis M.S., and a Ph.D. in Computer Science. Current areas of faculty research span multiple areas (including theory, quantum computing, data science, machine learning and artificial intelligence, networking and systems, privacy and security, programming languages and formal methods, software engineering, visualization, and computer science education) and are guided by a strategic vision of "Trusted Cities, Technology for the People".

Portland State University is a public research university located in the heart of one of America's most dynamic cities. The 50-acre downtown campus places students in a vibrant center of culture, business, and technology, allowing students to participate in internships, co-ops, and community-based projects. The University's mission is to let knowledge serve and our urban setting and unique relationship with the public agencies and industry provide a living laboratory for research and collaboration. More than 23,000 students from all backgrounds bring diverse perspectives to our classrooms and campus life, from the tree-lined Park Blocks to the bustling Urban Plaza and our state-of-the-art engineering and computer science research, teaching, and lab spaces.

QUALIFICATIONS

Applicants are expected to hold or be near completion of a Ph.D. degree in



Professional Opportunities



Multiple Tenure Track Positions in the Department of Computer Science and Engineering, Penn State

JOB DESCRIPTION AND POSITION REQUIREMENTS:

Applications are invited for multiple tenure-track positions at the Assistant, Associate and/or Full Professor levels across all areas of Computer Science and Engineering (CSE), at The Pennsylvania State University, University Park campus. The department has hired 20 faculty in the last four years (13 in the last two years) and aims to continue its rapid growth across different areas over the coming years. Computer Science and Engineering welcomes diversity among its workforce and works within the Penn State community to address special considerations, as needed. We are particularly looking to fill multiple positions in:

- Theory: All areas.
- Computer Security: All areas of computer security will be considered, including software security, systems and hardware security, network security, and applied cryptography. We especially encourage senior candidates to apply. We offer a top ranked security research environment (as per csrankings.org) across these disciplines.
- Architecture/Systems: Candidates working at all layers of the systems and architecture stack, as well as emerging areas such as quantum computing and AI accelerators, will be considered. We offer unique collaboration opportunities with faculty spanning both computer science and computer engineering in one unified department. Candidates who work in quantum computing will also have a chance to work with research groups from physics and materials science departments.
- Cyberinfrastructure: This is a targeted joint hire between CSE and Institute for Computational and Data Sciences (ICDS [1]) at Penn State. ICDS offers unique opportunities in conducting novel research in every aspect of next-generation AI/ML driven cyberinfrastructure and applying research ideas to practical settings ICDS offers. Candidates whose expertise lies in the nexus of MU/AI, datacenter architecture, and HPC applications will be considered. We are looking for candidates who are interested in (i) applying ML techniques to smart cyberinfrastructure management or (ii) enhancing cyberinfrastructure to host ML-based workloads more efficiently, e.g., high-performance data analytics. We will also consider candidates who focus on domain-specific software infrastructures targeting areas, such as biology and astrophysics.
- Robotics: All areas will be considered, including planning, control, lifelong learning, sensing, etc. There exist many collaboration opportunities with our computer vision and NLP groups, as well as with other departments in the College of Engineering.

Applicants should submit a detailed curriculum vita listing all publications, research and teaching statements, and the names and email addresses of four references. In addition to submitting the Penn State application, an application must be submitted at <https://academicjobsonline.org/ajo/jobs/23484>. In order to be considered, candidates must apply on both sites. Please note that the Department of Computer Science and Engineering jobs are posted under Multiple Tenure Track Positions in the Department of Computer Science and Engineering, Penn State. Applications will be reviewed starting November 15, 2022 and continue until the positions are filled.

Applicants must hold a Ph.D. in Computer Science or closely related field by the start date and should be committed to excellence in both research and teaching. The Assistant Professor must have demonstrated the ability as a teacher or research worker; and must have shown definite evidence of growth in scholarly or professional achievement. Those considered for the Associate and full Professor levels must have established a national/international track record of excellence in scholarship and research. The Associate Professor should possess the same qualifications as the Assistant Professor but must also provide evidence of an established reputation in scholarly or professional achievement. The Professor should possess the same qualifications as the Associate Professor but must also provide evidence of a substantial record of advanced research and/or creative work, and of leadership in their field of specialization.

Our department, and the University as a whole, provides unusually rich collaboration opportunities due to a large, diverse range of colleges and departments, numerous venues for inter-departmental colloquia and the like, and excellent internal support for successful grantsmanship. We expect our hires to establish a strong research program, supervise graduate and undergraduate students, and teach relevant undergraduate and graduate courses. Penn State is a premier public research, land grant university. The Department of Computer Science and Engineering is a part of the School of EECS in the College of Engineering. We are looking for candidates who will add to the department's diverse culture and research strengths. Penn State is committed to and accountable for advancing diversity, equity, and inclusion in all of its forms. We value inclusion as a core strength and an essential element of our public service mission.

The University is located in State College, which is ranked one of the best college towns in the U.S. The area offers a wide variety of cultural and outdoor recreational activities, and outstanding University events, from collegiate sports to fine arts productions. The public-school system is excellent, with a nationally ranked high school by U.S. News and World Report.

[1] The Institute for Computational and Data Sciences (ICDS), one of five university-wide interdisciplinary institutes, is home for advanced interdisciplinary computation and data-enabled collaborative science at Penn State. ICDS fosters both high-impact computational and data science methodologies as well as their applications to address a broad range of scientific and societal challenges, multifaceted models, and their societal impacts. ICDS supports a vibrant community of scholars, which includes more than 40 co-hired faculty and over 300 affiliated researchers with access to ICDS advanced research computing infrastructure and a cadre of technical experts, research scientists, and engineers. ICDS also works together with four AI centers located in University Park campus.

Apply online at: <https://apptrkr.com/3607467>

CAMPUS SECURITY CRIME STATISTICS: For more about safety at Penn State, and to review the Annual Security Report which contains information about crime statistics and other safety and security matters, please go to <http://www.police.psu.edu/clery/>, which will also provide you with detail on how to request a hard copy of the Annual Security Report.

Penn State is an equal opportunity, affirmative action employer, and is committed to providing employment opportunities to all qualified applicants without regard to race, color, religion, age, sex, sexual orientation, gender identity, national origin, disability or protected veteran status.

Computer Science or other relevant field. Non-Ph.D. applicants will be required to have completed the Ph.D. by the employment start date.

JOB DUTIES

The successful applicants will teach undergraduate and graduate courses;

develop and maintain impactful scholarly funded research; develop coursework relevant to their research field; advise students; and provide service to the university, professional societies, and the public.

TO APPLY

Please visit <https://jobs.hrc.pdx.edu/postings/39755> for detailed information and instructions. Applicants must provide:

- Cover letter (2 page limit)
- Curriculum vitae (no page limit)
- Research statement (3 page limit)

- Teaching statement (2 page limit)
- Contributions to diversity statement (2 page limit)

Candidates should be advised that general applications will not score well in the review process. The review committee is interested in how each candidate's research, teaching, and contributions to diversity connect with the research, teaching, and diversity, equity, and inclusion mission at PSU and the Maseeh College.

Candidates will be notified before references are contacted.

For inquiries about these positions, please contact cssearch@pdx.edu.

Review of applications will begin November 1, 2022 and will continue until the positions are filled.

Princeton University

Postdoctoral Research Associate in Theoretical Computer Science and Theoretical Machine Learning

The Department of Computer Science at Princeton University is seeking applications for postdoctoral or more senior research positions in theoretical computer science and theoretical machine learning. Positions are for one year anticipated to start in September 2023 with the possibility of renewal contingent upon satisfactory performance and continued funding. Candidates must have a PhD in Computer Science or a related field.

For full consideration, we recommend that candidates apply (including letters of recommendation) by December 15, 2022

11:59pm, EST, though we will continue to review applications past that date.

Applicants must apply to: <https://www.princeton.edu/acad-positions/position/28281> and submit a cover letter, CV, research statement, and contact information for three references.

This position is subject to the University's background check policy.

Princeton University is an Equal Opportunity/Affirmative Action Employer and all qualified applicants will receive consideration for employment without regard to age, race, color, religion, sex, sexual orientation, gender identity or expression, national origin, disability status, protected veteran status, or any other characteristic protected by law.

Princeton University

Assistant Professor of Electrical and Computer Engineering

The Department of Electrical and Computer Engineering seeks applications for a tenure-track assistant professor faculty position. Candidates from all areas in electrical and computer engineering are encouraged to apply, including robotics and cyberphysical systems, application-driven/technology-driven computer systems design, computer architecture, security, data and information science, integrated circuits and systems, applied physics and quantum information, materials and devices, and photonics, with special interest being in computer systems design (including application-driven and technology driven computer

systems design, possibly including but not limited to a focus on computer architecture) [and robotics and cyberphysical systems] being areas of particular interest. Candidates should have a commitment to teaching and a demonstrated ability to pursue a high impact research program. An appointment may be made jointly with another department or program.

A start date of September 1, 2023 is preferred.

The department is committed to fostering an academic environment that acknowledges and encourages diversity and differences. The successful candidate will show/demonstrate the potential to pursue academic excellence in diverse, multicultural, and inclusive settings.

Applicant review will begin in November.

For full consideration, please submit applications no later than December 31, 2022, using the following site: <https://www.princeton.edu/acad-positions/position/26842>. Applications require: a cover letter, complete curriculum vitae, descriptions of research and teaching interests, and the contact information for four references.

The selected candidate will be required to successfully complete a background check.

Princeton University

Assistant, associate, Full professor in quantum science and engineering

The School of Engineering and Applied Science seeks applications for an open rank search in quantum science and

engineering. Successful candidates will be appointed to an appropriate department within SEAS. Candidates in all areas of quantum science and engineering are encouraged to apply, including quantum information theory, quantum algorithms, quantum error correction, quantum device theory, and fundamental quantum science. Candidates should have a commitment to teaching and a demonstrated ability to pursue a high impact research program. An appointment may be made jointly with another department or program. A start date of September 1, 2023 is preferred.

The department is committed to fostering an academic environment that acknowledges and encourages diversity and differences. The successful candidate will be expected to pursue academic excellence in diverse, multicultural and inclusive settings.

Applicant review will begin in November. For full consideration, please submit applications no later than December 31, 2022, using the following site: <https://www.princeton.edu/acad-positions/position/27365>. Applications require: a cover letter, complete curriculum vitae, descriptions of research and teaching interests, and the contact information for four references.

Princeton University is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law. The selected candidate will be required to successfully complete a background check.

Purdue University

Assistant or Associate Professor of Computer Science

Tenure-Track/Tenured Professor of Computer Science

The Department of Computer Science in the College of Science at Purdue University invites applications for multiple tenure-track or tenured positions in all areas of computer science. These appointments will be at the level of Assistant or Associate Professor. The positions are part of a continued expansion in a large-scale hiring effort across key strategic areas in the College of Science.

Qualifications

Applicants must hold a PhD in Computer Science or a related discipline, have demonstrated excellence in research and a strong commitment to teaching.

Principal Duties

Successful candidates will be expected to develop research programs in their fields of expertise supported by extramural funding, teach courses in computer science, and participate in department and university activities.

The Department and College

The Department of Computer Science offers a stimulating academic environment with active research programs in most areas of computer science. The department offers undergraduate programs in Computer Science, Data Science, and Artificial Intelligence; and graduate MS and PhD programs, including a Professional MS in

Information Security. For more information, see <https://www.cs.purdue.edu>.

Computer Science is part of the College of Science, which comprises the computing, physical, and life sciences at Purdue. It is the second-largest college at Purdue with over 350 faculty and more than 7,000 students. The College is pursuing significant new initiatives which complement campus-wide plans, including an Integrative Data Science Initiative. Opportunities for collaboration exist across mathematics, probability, statistics, and the physical and life sciences. Purdue itself is one of the nation's leading land-grant universities, with an enrollment of over 50,000 students primarily focused on STEM subjects.

Purdue University, the College of Science and the Department of Computer Science are committed to advancing diversity in all areas of faculty effort, including discovery, instruction, and engagement. Candidates are encouraged to address in their cover letter how they are prepared to contribute to a climate that values diversity and inclusion.

Purdue University, the College of Science and the Department of Computer Science are committed to free and open inquiry in all matters. Candidates are encouraged to address in their cover letter how they are prepared to contribute to a climate that values free inquiry and academic freedom.

Application Procedure

Applications need to include (1) a complete curriculum vitae, (2) a statement of research and a statement of teaching, and (3) names and contact information of at least three references.

Reference Collection

After submitting the application, you will receive an email from system@successfactors.com titled "Follow-up to your application." Please follow the instructions in the email to submit your references. You MUST complete this step in order to move forward in the process.

A background check will be required for employment in this position. Review of applications and interviews will begin on November 23, 2022, and will continue until positions are filled. Inquiries can be sent to search@cs.purdue.edu.

Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.

FLSA Status

Exempt

Purdue University

*Tenure-Track/Tenured Professors in
Computer Science - Data Science*

Job Summary

The Department of Computer Science in the College of Science at Purdue University invites applications for tenure-track or tenured positions in the broad area of data science. Appointments are expected to be at the level of Assistant or Associate Professor. The appointments would start in August 2023 or a future date, subject to negotiation. Early career candidates with exceptional qualifications may be considered for a term-limited early career endowed professorship.

We are interested in all standard aspects of data science relevant to computer science, including:

- systems research into data-science computing platforms
- theory and data science
- computational science and engineering, scientific computing, and scientific machine learning
- numerical optimization and numerical methods for data science
- high-performance computing for data science
- topological and geometric aspects of data analysis
- software engineering for data science.

The positions are part of a continuing expansion in a large-scale hiring effort across key strategic areas in the College of Science. Please also see additional Computer Science positions posted separately, as data science candidates may also be appropriate for those positions. There are additional posted positions in data science at Purdue in both the Mathematics and Statistics departments. Candidates are encouraged to apply for all that are relevant. Joint appointments with other departments are possible based on candidate and departmental interests.

Qualifications

Applicants must hold a PhD in Computer Science or a related discipline, have demonstrated excellence in research, and have a strong commitment to teaching. We particularly encourage candidates

who demonstrate the potential for collaboration across multiple disciplines.

Principal Duties

Successful candidates will be expected to conduct research in their fields of expertise, teach courses in computer science, and participate in department and university activities.

The Department and College

The Department of Computer Science offers a stimulating academic environment with active research programs in most areas of computer science. The department offers undergraduate programs in Computer Science, Data Science, and Artificial Intelligence; and graduate MS and PhD programs, including a Professional MS in Information Security.

For more information, see
<https://www.cs.purdue.edu>

Computer Science is part of the College of Science, which comprises the computing, physical, and life sciences at Purdue. It is the second-largest college at Purdue with over 350 faculty and more than 7,000 students. Opportunities for collaboration exist across mathematics, probability, statistics, and the physical and life sciences. Purdue itself is one of the nation's leading land-grant universities, with an enrollment of over 50,000 students primarily focused on STEM subjects.

Application Procedure

Applications need to be submitted to this site, they will need to include (1) a complete curriculum vitae, (2) a statement

of research, (3) a statement of teaching, and 4) at least three names of reference.

Purdue University, the College of Science, and the Department of Computer Science are committed to advancing diversity in all areas of faculty effort, including discovery, instruction, and engagement.

Purdue University, the College of Science, and the Department of Computer Science are committed to free and open inquiry in all matters. Candidates are encouraged to address in their cover letter how they are prepared to contribute to a climate that values free inquiry and academic freedom.

Applications need to be submitted to [this site](#).

Reference Collection

After submitting the application, you will receive an email from system@successfactors.com titled "Follow-up to your application." Please follow the instructions in the email to submit your references.

You MUST complete this step in order to move forward in the process.

A background check will be required for employment in this position. Review of applications and interviews will begin December 1, 2022 and will continue until positions are filled. Inquiries can be sent to ds-search@cs.purdue.edu

Purdue University is an EOE/AA employer fully committed to achieving a diverse workforce. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.

Queens College CUNY

Lecturer

The Dept. of Computer Science at Queens College CUNY invites applications for a full-time Lecturer position starting Fall 2023. Lecturers at CUNY can earn a Certificate of Continuous Employment (CCE) after 5 years, this is the equivalent of tenure. The primary responsibility of the position will be to teach computer science courses.

Located in one of the most diverse areas in the world, Queens College has earned high rankings in prestigious college lists such as Forbes' America's Best Value Colleges. The CS department is one of the largest in NYC, serving over 2,600 undergraduate majors and about 70 master's degree students, and participates actively in the Computer Science Ph.D. program at the CUNY Graduate Center.

Qualifications: A Master's degree in computer science or a closely related discipline, and at least one year of teaching experience. A Ph.D. is preferred, but not required.

Compensation: \$74,575-\$92,878, depending on candidate's qualifications and experience.

For application instructions and to apply, see (<https://cunyjobs/queens-ny/lecturer-computer-science-department/EFIC4462400D4F4F82974350473AF0B6/job/>).

Review of applications begins 01/05/2023. The search remains open until the position is filled.

For informal inquiries email lecturer@cs.qc.cuny.edu. EO/AA Employer.

Rensselaer Polytechnic Institute

Faculty Openings in the Department of Electrical, Computer, & Systems Engineering

The Department of Electrical, Computer, and Systems Engineering (ECSE) at RENSSELAER POLYTECHNIC INSTITUTE in Troy, NY invites applications for multiple tenured/tenure-track faculty positions as Assistant or Associate Professor.

Candidates will have active research interests that combine innovative methods and compelling applications. We welcome all relevant research themes, including next generation computing, cloud computing and computer architecture, security and privacy, autonomy and robotics, energy and power systems, and next generation communication systems.

New faculty will complement departmental strengths in AI/ML, microelectronics, computer system design, control, robotics, communication, networking, and power systems. Duties include teaching undergraduate and graduate courses in departmental programs, to developing and maintaining a robust program of externally sponsored research, and participation in activities that strengthen the department, the School of Engineering, Rensselaer, and the broader community of research and practice.

Requirements: Candidates must have Ph.D. in a discipline related to Electrical, Computer or Systems Engineering, and must demonstrate, through accomplishment, evidence of future success in teaching and research.

To apply: Follow the on-screen prompts at <https://careers.rpi.edu/en-us/job/493568> to create a brief application with contact information for three (3) referees. Be prepared to upload the following:

1. cover letter
2. curriculum vitae
3. research statement including future research plans
4. statement of teaching activities and interests
5. diversity statement

Applications will be reviewed beginning immediately. The search will continue until the position is filled.

We welcome candidates who will bring diverse cultural, ethnic, national and international perspectives to Rensselaer's work and campus communities.

Rensselaer Polytechnic Institute is an Affirmative Action/Equal Opportunity, Race/Gender/Veterans/Disability Employer.

Rensselaer Polytechnic Institute

Lecturer, Computer Science

The School of Science at Rensselaer Polytechnic Institute in Troy, NY invites applications for the position of Lecturer in the Department of Computer Science (<http://www.cs.rpi.edu>) to start in January or August of 2023. Candidates must possess a Master's degree, Ph.D., or foreign degree equivalent in Computer Science or related fields. Candidates must have teaching expertise in both introductory course and upper-level computer science electives.

The initial appointment is for up to three (3) academic years, with the expectation of subsequent renewal. The successful candidate will have strong teaching, advising, and mentoring skills. The ideal candidate will be an individual with a comprehensive vision

of computer science education, as well as the skills needed to integrate into a multi-disciplinary department. Evidence of teaching effectiveness may include student evaluations, syllabi, and/or sample assignments.

RIT | Rochester Institute of Technology

Computing and Information Sciences Multiple Openings for Fall 2023

ROCHESTER INSTITUTE OF TECHNOLOGY
Rochester, New York

Computing and Information Sciences - Multiple Openings for Fall 2023

The Golisano College of Computing and Information Sciences at the Rochester Institute of Technology invites applications and nominations for the following faculty positions:

- **Assistant Professor (7217BR)** in Machine Learning
- **Assistant Professor (7227BR)** in Computing Security all areas. Candidate whose research experience and interests in health, healthcare, or systems and software security are especially encouraged to apply.
- **Assistant/Associate (7234BR)** in Geogames and Geographic Information Systems, Game Engines/Systems, Real-time Graphics, Procedural Generation, Game Design & Development for Health & Wellness, Games for Disaster Resilience and Climate Change, Games and Cybersecurity, Immersive Media/Mixed Reality
- **Assistant Professor (7235BR)** in Computer Vision
- **Assistant/Associate (7252BR)** in Human Computer Interaction (HCI) with discipline expertise in one or more of the following or related areas: computing accessibility for people with disabilities or older adults; HCI for artificial-intelligence-based systems (human AI integration, human AI collaboration, human aware AI, explainable AI, interactive machine learning, and human-in-the-loop learning) or HCI for wearable, mobile, or ubiquitous systems (physical/tangible computing, human augmentation, augmented mind, embodied interaction, IoT and data analytics, and fabrication). Outstanding applicants in other areas of HCI will also be considered, especially those with methodological expertise in prototyping or system-building of new technologies.
- **Assistant Professor (7256BR)** in Software Engineering, Data Science, and/or Artificial Intelligence.

Candidates should visit <https://apptrkr.com/3554886> and refer to the BR numbers listed above for specific information about the positions and the application process. Refer to www.rit.edu for information about RIT, the Golisano College of Computing and Information Sciences, and the Global Cybersecurity Institute.

The Golisano College of Computing and Information Sciences is the largest of RIT's nine colleges and has an enrollment of over 3600 undergraduate students and 950 graduate students. The college, with over 150 faculty members is housed in a modern facility equipped with numerous teaching and research laboratories. The college is home to: the departments of Computer Science, Computing Security, and Software Engineering, the School of Interactive Games and Media, the School of Information, and a college-wide PhD program, providing many opportunities for cooperation and research collaboration within and beyond the college. The Global Cybersecurity Institute, the newest addition to our facilities, was opened in the Spring 2021.

RIT has been honored by The Chronicle of Higher Education as one of the "Great Colleges to Work For" for four years. RIT is a National Science Foundation ADVANCE Institutional Transformation site. RIT is responsive to the needs of dual-career couples by our membership in the Upstate NY HERC.

Apply Online at: <https://apptrkr.com/3554886>

Additional Details:

RIT does not discriminate. RIT is an equal opportunity employer that promotes and values diversity, pluralism, and inclusion. For more information or inquiries, please visit RIT/TitleIX or the U.S. Department of Education at ED.Gov.



Tenure Track Faculty at Golisano College of Computing & Info Sciences

Tenure Track Faculty

7413BR

Golisano College of Computing & Info Sciences

GCCIS - Global Cybersecurity Institute

Faculty Type (Tenure Status):

Tenured

Faculty Discipline:

Artificial Intelligence, Computer Engineering, Computer Science, Computer Security and Information Assurance, Data Analytics, Human Computer Interaction, Information Sciences & Technologies, Information Security and Forensics, Machine Learning, Networking and Cyber Security, Networking, Security and Systems Administration, Software Engineering

Faculty Rank:

Associate Professor, Professor

Employment Category:

Fulltime

Anticipated Start Date:

Academic year start date is 8/20/2023. An earlier start date is negotiable.

Detailed Job Description:

The ESL Global Cybersecurity Institute (ESL GCI) at RIT invites applications for an Endowed full-time tenured associate professor or a professor position.

We encourage candidates with significant track records in external funding and highly recognized research outputs with a focus in, but not limited to: software and system security, usable security, applied cryptography, privacy, and the intersection of cybersecurity and artificial intelligence.

RIT is making a major investment in cybersecurity, spurred by recent gifts of \$20 million by alumnus Austin McChord, \$5 million investment by New York State, and \$3M by ESL Federal Credit Union. We just opened a new 50,000-sq. ft. building wing dedicated to the new ESL Global Cybersecurity Institute (ESL GCI), helping to further establish RIT as a leader in this field. Currently, we have 27 faculty members from across RIT working to address the growing challenges in cybersecurity with an interdisciplinary approach. Please visit <https://cybersecurity.rit.edu> for more information about cybersecurity at RIT.

The successful candidate will be granted an endowed position with dedicated research funding and additional salary commensurate with the role they will play in leading major research initiatives in cybersecurity. The candidate may be hired into any department in RIT and will be expected to collaborate across the university to advance research and education in cybersecurity and be a cornerstone in the growth of ESL GCI.

We are seeking an individual who has the ability and interest in contributing to RIT's <http://www.rit.edu/academicaffairs/policiesmanual/p040>, <http://www.rit.edu/academicaffairs/policiesmanual/p030>, and <http://www.rit.edu/academicaffairs/policiesmanual/p050>

Department/College Description -

The College:

The Golisano College of Computing and Information Sciences prepares students to change the world through computing; GCCIS is home to the departments of Computer Science, Software Engineering, Computing Security, School of Information, and the School of Interactive Games and Media. The college's PhD program in Computer and Information Sciences is ranked 74th in the nation by the U.S. News & World Report and 63rd by CSRankings.org. The college has over 130 full-time faculty and more than 3,600 undergraduate and 950 graduate students. RIT is an interdisciplinary research hub, with research groups and communities encompassing a range of domain areas, including the Global Cybersecurity Institute (<https://rit.edu/cybersecurity>), RIT's Personalized Healthcare Technology initiative (<https://pht.rit.edu>), the Center for Human-Aware Artificial Intelligence (<https://rit.edu/cha/>), the Center for Accessibility and Inclusion Research (<https://cair.rit.edu>), the Center for Advancing STEM Teaching, Learning and Evaluation (<https://rit.edu/castle/>), the Media Arts Games Interaction Creativity (MAGIC) Center (<https://magic.rit.edu>), the Center for Computational Relativity and Gravitation (<https://ccrg.rit.edu/>), the Golisano Institute for Sustainability (<https://rit.edu/sustainabilityinstitute/>).

The University:

Founded in 1829, Rochester Institute of Technology is a diverse and collaborative community of engaged, socially conscious, and intellectually curious minds. Through creativity and innovation, and an intentional blending of technology, the arts and design, we provide exceptional individuals with a wide range of academic opportunities, including a leading research program and an internationally recognized education for deaf and hard-of-hearing students. Beyond our main campus in Rochester, New York, RIT has international campuses in China, Croatia, Dubai, and Kosovo. And with more than 19,000 students and more than 125,000 graduates from all 50 states and over 100 nations, RIT is driving progress in industries and communities around the world. Find out more at <http://www.rit.edu>.

Required Minimum Qualifications:

- PhD in computing or a related discipline by date of appointment.
- Five years of experience as a tenure-track or tenured faculty member at a research-oriented university or equivalent experience as a researcher in industry.
- Recent scholarly dissemination record that demonstrates an exceptional ability to conduct and publish high-impact peer-reviewed research in cybersecurity, from the perspective of the candidate's discipline of expertise. Scholarly dissemination includes presentations in academic conferences, publications in peer-reviewed journals, or development of peer-reviewed software products or data sets.
- Outstanding record of establishing and running an independent, externally funded research program.
- Ability to teach at the undergraduate and graduate levels, and a record of successful mentorship of junior researchers.
- Record of leadership and collaboration in research and an interest in working in a collaborative, collegial environment.
- Demonstrated commitment to contribute in meaningful ways to cultural diversity, pluralism, and individual differences.

Required Minimum Education Level:

PhD

Required Application Documents:

Cover Letter, Curriculum Vitae or Resume, List of References, Research Statement, Statement of Diversity Contribution, Statement of Teaching Philosophy

How To Apply:

Apply Online at: <https://apptrkr.com/3664656>

Search: 7413BR

Please submit the following:

Your online application; cover letter addressing the required qualifications for this position; curriculum vitae, and upload the following attachments:

- Research statement
- Statement of Teaching Philosophy
- Statement of Diversity Contribution

Review of applications will begin immediately and continue until a suitable candidate is found.

The direct link to this posting can be found here: <https://apptrkr.com/3664656>

Additional Details:

RIT does not discriminate. RIT is an equal opportunity employer that promotes and values diversity, pluralism, and inclusion. For more information or inquiries, please visit RIT/TitleIX or the U.S. Department of Education at ED.Gov.

As Rensselaer approaches its 200th anniversary, come join our team as we guide a community of brilliant undergraduate and graduate Computer Science students toward future technological leadership!

Screening of applications will begin immediately and will continue until the position is filled. Qualified applicants must

submit their applications through this link: careers.rpi.edu/en-us/job/493563/

Please be prepared to upload your CV, a cover letter, evidence of successful teaching and a statement of diversity.

Rensselaer requires all faculty and staff to be vaccinated (and boosted when eligible) against COVID-19. Requests for exemptions

for medical or religious reasons will be evaluated on a case-by-case basis.

We welcome candidates who will bring diverse cultural, ethnic, national and international perspectives to Rensselaer's work and campus communities. Rensselaer Polytechnic Institute is an Affirmative Action/Equal Opportunity, Race/Gender/Veterans/Disability Employer.

Rutgers University

Assistant Professor- Computer Science (TT) (Faculty)

The Department of Computer Science at Rutgers University, Camden located in Camden, New Jersey invites applications for a full-time, tenure-track Assistant Professor position in Cybersecurity and related areas to begin September 1, 2023. The successful candidate must establish an active and successful research program supported by external funding and demonstrate a strong commitment to excellence in teaching. The normal teaching load is 2-2; new assistant professors may receive a one course reduction. The candidate will be expected to teach a variety of courses, mentor student research, and contribute broadly to the academic life of the department and the College of Arts and Sciences. Candidates must have completed all Ph.D. requirements by the start date.

The department offers Bachelor's and Master's degrees in Computer Science. The candidate will also have the opportunity to become a member in the Center for Computational and Integrative Biology (CCIB), an interdisciplinary research center for bridging experimental and computational approaches in quantitative biology. The CCIB has doctoral and Master's programs in Computational and Integrative Biology.

Prospective candidates must submit an application that includes a cover letter, curriculum vitae, research statement, teaching statement, and names of at least three references to the Computer Science Search Committee at <https://jobs.rutgers.edu/postings/185979>.

Applications submitted by January 17, 2023 will receive full consideration, but the committee will continue to accept applications until the position is filled.

Inquiries may be directed to Desmond Lun, Search Committee Chair, desmond.lun@rutgers.edu.

Rutgers University

Tenure-Track Positions in Computer Science

The Computer Science Department at Rutgers University, New Brunswick NJ, invites applications for multiple tenure-track/tenured positions at the Assistant Professor and Associate Professor levels. We will consider outstanding candidates at the Professor level as well. We invite applications from candidates making research contributions in any area of CS, and welcome applicants with interdisciplinary approaches. We are especially interested in Algorithms, Machine Learning and Data Science, High-performance Computing and Scalable Systems, and other subfields with broad potential for collaborative impact across the department and the university.

Rutgers is committed to invest significant resources to promote interdisciplinary research and education in Data Science. CS expects to make one appointment this year as part of a larger interdisciplinary cluster at Rutgers in fair and responsible Data Science, supported by the Rutgers Presidential Diversity Hiring Initiative. Data Science hires will be expected to contribute to cluster initiatives as well

as to Rutgers research and education programs in Data Science.

Fostering diversity and inclusion in computing is part of the department's culture and mission, and the department values faculty efforts to broaden the field through scholarship, teaching, mentoring, and professional service. We welcome applications from all qualified candidates, including candidates with non-traditional career paths who have taken time off (e.g., to care for children or a family member in need) or who have achieved excellence in careers outside academia (e.g., in industry or government)

Responsibilities will include research, supervision of Ph.D. students, and teaching undergraduate- and graduate-level courses in Computer Science. Pursuit of external research funding is expected.

Requirements: Successful completion of a Ph.D. in Computer Science or a closely related field is required by the start date.

Timeline: The appointment will start September 1, 2023. Applications received by January 3, 2023, will be given priority.

How to Apply: Applicants should submit their cover letter, CV, a research statement addressing both past and future work, a diversity statement outlining accomplishments and approach for broadening participation in computing, a teaching statement, and contact information for at least three references. Contact Info: hiring-committee@cs.rutgers.edu

Rutgers Policies: Offer is contingent upon successful completion of all pre-employment

screenings. Rutgers is an equal opportunity employer: see <http://uhr.rutgers.edu/non-discrimination-statement>

Rutgers University

Tenure-Track Positions in Computer Science

The Computer Science Department at Rutgers University, New Brunswick NJ, invites applications for multiple tenure-track/tenured positions at the Assistant Professor and Associate Professor levels. We will consider outstanding candidates at the Professor level as well.

We invite applications from candidates making research contributions in any area of CS, and welcome applicants with interdisciplinary approaches. We are especially interested in Algorithms, Machine Learning and Data Science, High-performance Computing and Scalable Systems, and other subfields with broad potential for collaborative impact across the department and the university.

Rutgers is committed to invest significant resources to promote interdisciplinary research and education in Data Science. CS expects to make one appointment this year as part of a larger interdisciplinary cluster at Rutgers in fair and responsible Data Science, supported by the Rutgers Presidential Diversity Hiring Initiative. Data Science hires will be expected to contribute to cluster initiatives as well as to Rutgers research and education programs in Data Science.

Rutgers CS has a broad portfolio of research, innovation, undergraduate and graduate education, and outreach,

with strengths in AI and robotics, foundations of computer science, and systems. Rutgers stands among America's oldest and most diverse public research universities and is the top-ranked public university in the New York/New Jersey metropolitan area.

Fostering diversity and inclusion in computing is part of the department's culture and mission, and the department values faculty efforts to broaden the field through scholarship, teaching, mentoring, and professional service. We welcome applications from all qualified candidates, including those with non-traditional career paths or who have achieved excellence in careers outside academia.

Responsibilities will include research, supervision of Ph.D. students, and teaching undergraduate- and graduate-level courses in Computer Science. Pursuit of external research funding is expected.

Requirements: Successful completion of a Ph.D. in Computer Science or a closely related field is required by the start date.

Timeline: The appointment will start September 1, 2023. Applications received by January 3, 2023, will be given priority.

How to Apply: Applicants should submit their cover letter, CV, a research statement addressing both past and future work, a diversity statement outlining accomplishments and approach for broadening participation in computing, a teaching statement, and contact information for at least three references. For details, including application procedure, please see <https://go.rutgers.edu/CSTTfaculty>

Contact Info: hiring-committee@cs.rutgers.edu

Rutgers Policies: Offer is contingent upon successful completion of all pre-employment screenings. Rutgers is an equal opportunity employer: see <http://uhr.rutgers.edu/non-discrimination-statement>

Rutgers University

Deputy Director

DIMACS, the Center for Discrete Mathematics and Theoretical Computer Science, based at Rutgers University in New Brunswick, New Jersey, USA, seeks a Deputy Director of the Center who would also serve as an Associate or Full Professor in computer science, mathematics, statistics, or another Rutgers department. Fostering diversity and inclusion is part of DIMACS's culture and mission.

Go to <https://go.rutgers.edu/dimacsdeputy> for application instructions.

Apply by January 6, 2023, for full consideration.

Rutgers, The State University of New Jersey

Tenure-Track or Tenured Faculty Positions

The Department of Electrical and Computer Engineering in the School of Engineering at Rutgers, The State University of New Jersey seeks to fill multiple full-time, academic year, tenure-track/tenured faculty positions starting in Fall 2023. The preferred rank is at

Professional Opportunities

the Assistant Professor level, however, applications at higher ranks will be considered for applicants with exceptional records. Hiring areas for this search are: (1) machine learning/AI targeting applications, (2) radio technology and wireless systems, and (3) Semiconductor devices and electronics in compounds.

Applicants should view the full advertisement and apply here: <https://jobs.rutgers.edu/postings/184658>

Saint Louis University

Inaugural Dean, School of Science and Engineering

Saint Louis University (SLU) seeks a visionary and inspiring leader to become inaugural Dean of the newly established School of Science and Engineering (SSE). SLU is a private urban research university offering undergraduate and graduate programs to over 13,000 students. SSE is designed to strengthen the University's growth in STEM, improve student opportunities and outcomes, and foster a collaborative research environment

consistent with SLU's goal to become a Carnegie I research university and SLU's Catholic Jesuit Mission.

Diversified Search Group is assisting SLU in this search. For more information, <https://diversifiedsearchgroup.com/search/saint-louis-university-dean-science-and-engineering/>

Saint Louis University is an affirmative action/equal opportunity employer.

San Diego State University

*Department of Computer Science
Three Tenure-Track Assistant Professor Positions*

The Department of Computer Science at San Diego State University seeks to hire three tenure-track Assistant Professors starting Fall 2023. The candidates should have PhD degrees in Computer Science or closely related fields.



**SAN FRANCISCO
STATE UNIVERSITY**

Assistant Professor, Computer Science (CS Approaches Against Social Inequities)

Job No: 518987

Work Type: Instructional Faculty - Tenured/Tenure-Track

Location: San Francisco

Categories: Unit 3 - CFA - California Faculty Association, Tenured/Tenure-Track, Full Time, Faculty - Computer Science

San Francisco State University, Department of Computer Science seeks applicants for two tenure-track Assistant Professor positions in Theory of Computation or CS Approaches Against Social Inequities, beginning August 2023 (Candidates in other areas are also encouraged to apply). The mission of San Francisco State University is to create an environment for learning that promotes appreciation of scholarship, freedom, human diversity, and the cultural mosaic of the City of San Francisco and the Bay Area; to promote excellence in instruction and intellectual accomplishment; and to provide broadly accessible higher education for residents of the region, state, the nation, and the world. Ph.D. or equivalent degree in Computer Science required. Salary commensurate with qualifications. Position description available at <http://cs.sfsu.edu>. Application review begins 12/1/2022, continues until filled, Send letter of intent, a current CV, a statement on how your teaching and scholarship align with the commitment of the CS Department to foster an inclusive and diverse academic community; representative publications; teaching statement; research statement; contact information of three references at PageUp <https://apptrkr.com/3555677>. Letters of recommendation upon request at a later date.



Assistant Professor of Computer Science full-time, tenure-track

Saint Mary's College of California invites applications for a full-time, tenure-track faculty position in Computer Science at the rank of Assistant Professor beginning in fall of 2023. A PhD degree is required by the time the position starts. Applicants from all areas within computer science are encouraged to apply.

Institution Background: <https://www.stmarys-ca.edu/about-smc/our-mission>

**Go to <https://apptrkr.com/3553983>
for full job description and application.**

The first position is in information and infrastructure (see <https://apply.interfolio.com/114028>), and the second position is in intelligent systems and robots (see <https://apply.interfolio.com/114032>). Questions about the information and infrastructure position, and the intelligent systems and robots position may be directed to COS-CS-II-ISR-Search2023@sdsu.edu.

The third position is in cybersecurity (see <https://apply.interfolio.com/114594>). Questions about the cybersecurity position may be directed to COS-CS-Security-Search2023@sdsu.edu.

SDSU is an equal opportunity/Title IX employer.

San Jose State University

Tenure-Track Assistant Professor

Areas: Data Science, Machine Learning, Artificial Intelligence, and related areas.

Starting Date: August 17, 2022.

Apply by 12/10/2022 for full consideration.

Position posted at <https://jobs.sjsu.edu/sj/en-us/job/520317/assistant-professor-computer-science-data-science>

Seattle University

Assistant Or Associate Professor

The Computer Science Department at Seattle University invites applications for two tenure-track Assistant or Associate Professor positions beginning September 2023. Applicants with expertise in

any area of Computer Science will be considered. Responsibilities will include teaching, maintaining active scholarship, and department and university service. Rank will be determined based on experience.

Successful candidates will be responsible for teaching and mentoring undergraduates and graduate students, maintaining an active research program; engaging in professional, university, and department service activities, and demonstrating a genuine desire to contribute to the mission of Seattle University.

The Computer Science Department offers undergraduate degrees in Computer Science, a graduate certificate in Computer Science Fundamentals, and a master's degree in Computer Science with specializations available in Data Science and Software Engineering. The department has strong relationships with many local companies, including the leading technology companies headquartered nearby. A senior capstone project program sponsored by these companies enhances our students' educational experiences and provides faculty with ongoing opportunities for interaction with industry.

For more information visit <http://www.seattleu.edu/computerscience>

Requirements: Ph.D. in computer science or a closely related discipline (must be granted by September 2023); strong interest in teaching.

Founded in 1891, Seattle University is a Jesuit Catholic university located on a beautiful campus of more than 50 acres

in the dynamic heart of Seattle. Our diverse and driven population is made up of more than 7,200 students enrolled in undergraduate and graduate programs within eight schools and colleges. Seattle University is an equal opportunity employer.

In support of its pursuit of academic and scholarly excellence, Seattle University is committed to creating a diverse community of students, faculty and staff that is dedicated to the fundamental principles of equal opportunity and treatment in education and employment regardless of age, color, disability, gender identity, national origin, political ideology, race, religion, sex, sexual orientation, or veteran status. The university encourages applications from, and nominations of, individuals who will further enrich the diversity of our educational community.

Submit applications through <https://www.seattleu.edu/careers> including a cover letter summarizing qualifications, curriculum vitae, statement of teaching philosophy, scholarship statement, and a statement describing how you would contribute to Seattle University's mission, vision, and values, including diversity, equity, and inclusion. Please also include contact information for three references. Letters of reference may be solicited upon completion of application.

Application review will begin December 15, 2022, with the search remaining open until the positions are filled. Inquiries may be directed to Professor Steve Hanks at hankssteven@seattleu.edu.

Seattle University

Assistant Teaching Professor And Capstone Project Coordinator

The Computer Science Department at Seattle University invites applications for a full-time, multi-year, renewable, term faculty Assistant Teaching Professor and Capstone Project Coordinator position beginning September 2023.

Responsibilities include teaching in our computer science undergraduate, graduate, and certificate programs, directing student projects, and service to the department and college. Candidates must have a strong interest in developing students through a capstone project experience, partnering with the community and industry, and demonstrate a genuine desire to contribute to the mission of Seattle University.

A significant component of this position will be filling the Capstone Project Coordinator role, which coordinates undergraduate and MS capstone projects through the College of Science and Engineering Project Center. Responsibilities include

- Developing community and industry partnerships
- Working with the Project Center and community and industry partners to develop project proposals
- Assigning students and faculty advisors to project teams
- Coordinating all computer science capstone program activities, including student deliverables, presentations, and industry reviews

- Oversight and support of all computer science capstone projects, student teams, and faculty advisors throughout the academic year

As Seattle University's Computer Science program continues to grow, the Teaching Professor will be responsible for re-envisioning the computer science capstone program to accommodate this growth as well as improving the overall quality and experience aligned with the Seattle University Mission.

As the Computer Science Capstone Project Coordinator, the Teaching Professor will use the Seattle University's new state-of-the-art facilities, the Jim and Janet Sinegal Center for Science and Innovation and the Amazon Computer Science Project Center. The project coordinator will also participate in the Capstone Design Community, an organization dedicated to improving computer science and engineering capstones in higher education worldwide.

Minimum Qualifications:

- Postgraduate degree in computer science or related discipline
- Experience teaching university-level courses with evidence of teaching effectiveness
- Experience in various software engineering and project management methodologies
- Broad understanding of the uses for and applicability of computer science technologies to solve practical problems

Preferred Qualifications:

- Ph.D. in computer science or closely related discipline

- Ability to teach both undergraduate and graduate-level courses
- Industry experience delivering software applications and managing projects and teams
- Experience designing and administering student capstone projects

The Computer Science Department offers undergraduate and master's degrees in Computer Science, and a graduate certificate in Computer Science Fundamentals. The department has strong relationships with many local companies, including the leading technology companies headquartered nearby. For more information visit <http://www.seattleu.edu/computerscience>

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Submit applications through <https://www.seattleu.edu/careers> including a cover letter summarizing qualifications and potential contributions to Seattle University, curriculum vitae, statement of teaching philosophy, evidence of teaching effectiveness, and contact information for three references.

Application review will begin December 15, 2022, with the search remaining open until the position is filled. Inquiries may be directed to Professor Steve Hanks at hankssteven@seattleu.edu.

Seattle University

Assistant Teaching Professor

The Computer Science Department at Seattle University invites applications for one full-time, multi-year, non-tenure-track Teaching Assistant Professor position beginning in September 2023. Applicants with expertise in any area of computer science or related fields will be considered.

Candidates should provide evidence of commitment to effective teaching and mentoring. Responsibilities include teaching in our computer science undergraduate, graduate, and certificate programs, directing student projects, and service to the department and college. Successful candidates should demonstrate a genuine desire to contribute to the mission of Seattle University.

The Computer Science Department offers undergraduate and master's degrees in Computer Science, and a graduate certificate in Computer Science Fundamentals. The department has strong

relationships with many local companies, including the leading technology companies headquartered nearby. For more information visit <http://www.seattleu.edu/computerscience>

Minimum Qualification: Postgraduate degree in computer science or related field, and teaching experience with evidence of teaching effectiveness.

Preferred Qualifications: Ph.D. in computer science or related field, and capability to teach both undergraduate and graduate courses.

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and potential contributions to Seattle University; curriculum vitae, statement of teaching philosophy, evidence of teaching effectiveness, and contact information for three references.

Application review will begin December 15, 2022, with the search remaining open until the position is filled. Inquiries may be directed to Professor Steve Hanks at hankssteven@seattleu.edu.

Simon Fraser University

Director - School of Computing Science

Simon Fraser University (SFU) is recognized globally for academic and research excellence. It is ranked as Canada's top comprehensive university and its vision is to be Canada's most engaged university. SFU has three vibrant campuses located on the unceded territory of the Coast Salish peoples, on whose traditional territories its campuses stand, in British Columbia's largest municipalities - Burnaby, Surrey and Vancouver - and deep roots in partner communities throughout the province and around the world. By recognizing these unceded territories, SFU aspires to create space for reconciliation through dialogue and decolonizing practices.

The School of Computing Science is among the top computer science departments in Canada and internationally, with excellent research and teaching programs at the graduate and undergraduate levels. The School currently has 66 faculty members, close to 400 graduate students and 2800 undergraduate students. The School strives for excellence in its researchers,

instructors, and facilities, and seeks to train high-quality students. In addition to a world-class research-oriented graduate program, the school also offers a full-time Master's program in Professional Computer Science with a focus on Big Data, Visual Computing, and Cyber Security; as well the School maintains a dual-degree partnership programs with Zhejiang University in China.

Reporting to the Dean of the Faculty of Applied Sciences, the Director is responsible for the day-to-day academic and strategic activities of the School. A commitment to leadership, collaboration, and staff development is essential for a role of this magnitude. The Director will amplify the School's mission of performing innovative, translational research and entrepreneurship, as well as fostering the School's relationship with industry and community engagement. The Director will likewise oversee the strategy and development of new educational programs, certificates, and training to help our undergraduate and graduate students succeed in a changed and changing world.

The School Director is a term position with an initial appointment of five years that may be renewable for a subsequent term. The successful candidate must be appointable in a discipline within the School of Computing Science to a tenured position at the level of Associate or Full Professor, and would resume regular full-time professorial duties upon the conclusion of their administrative appointment.

The ideal candidate will:

- Provide proactive leadership and operational management of the school, creating an environment that encourages

innovative teaching and fosters internationally recognized research;

- Develop and deploy new initiatives that enhance Computing Science's international and domestic standing;
- Promote collaboration within the school and drive engagement with partners across the Faculty, throughout the University, and with other academic institutions and industry;
- Support the development of enhancements and innovations in teaching, learning, and curriculum design and development that enable faculty and staff to provide improved experiences and outcomes to students in all programs;
- Commit to supporting current and future undergraduate students through curriculum updates, innovations in teaching and enhancing student experiences;
- Lead the School in creating a collaborative and compelling strategic vision, with an eye towards growth, that engages academic and non-academic colleagues, students and industry partners to strive for excellence in all activities;
- Support the University's Strategic Visions, which pledges SFU to "foster a culture of inclusion and mutual respect, celebrating the diversity reflected among its students, faculty, staff, and our community". And to be "the leading engaged university defined by its dynamic integration of innovative education, cutting-edge research, and far-reaching community engagement."

The ideal candidate is expected to possess and demonstrate the following qualifications:

- A Ph.D., and ongoing engagement, in fundamental Computing or Computer Science research areas;
- An outstanding personal research record of accomplishment and international profile;
- Leadership and administrative qualities and experience;
- Balanced attention between teaching and research initiatives;
- Proven excellence in course and curriculum design at the undergraduate and graduate levels;
- Excellent communication skills and commitment to a team based working culture;
- Enthusiasm about supporting students and student initiatives, as well as engaging with them directly;
- Commitment and contributions to diversity, equity, and inclusion.

The competition will remain open until the position is filled. However, screening will commence January 27th, 2023.

To apply, submit the following to our online application system:

<https://www.sfu.ca/computing/job-opportunities.html>

- A recent curriculum vitae,
- Research and teaching statements,\
- A vision statement,
- Names and contact information for three referees.

We thank all applicants for their interest; however, only short-listed candidates will be contacted.

All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

Simon Fraser University is an institution whose strength is based on our shared commitments to diversity, equity, and inclusion. Diversity is an underlying principle of our Strategic Vision, which pledges SFU to “foster a culture of inclusion and mutual respect, celebrating the diversity reflected among its students, faculty, staff, and our community.” SFU is committed to ensuring that no individual is denied access to employment opportunities for reasons unrelated to ability or qualifications. Consistent with this principle, SFU will advance the interests of underrepresented members of the work force, specifically Indigenous peoples, persons with disabilities, racialized persons, and women; embrace gender and sexual diversity; ensure that equal opportunity is afforded to all who seek employment at the University; and treat all employees equitably. Candidates that belong to underrepresented groups are particularly encouraged to apply.

SFU offers several benefits and services aimed at creating a more inclusive and accessible campus community for faculty, please see the Faculty Relations, Benefits and Service page for more details. SFU is also committed to ensuring that the application and interview process is accessible to all applicants; if you require accommodations or have questions about SFU benefits, services, accommodations

policies, or equity considerations please contact the Director of Equity, Diversity and Inclusion in Faculty Relations.

Under the authority of the University Act personal information that is required by the University for academic appointment competitions will be collected. For further details see: http://www.sfu.ca/vpacademic/Faculty_Openings/Collection_Notice.html

Singapore University of Technology and Design

Tenure Track Faculty Member (Information Systems Technology and Design)

Job Description

The Information Systems Technology and Design (ISTD) Pillar invites applications to fill several Tenure Track faculty positions. Appointments will be at the Assistant or Associate Professor level. Highly qualified applicants with a substantial track record of research accomplishments, an active research program, and strong teaching experience may be considered for appointment as Tenured Full Professor.

Faculty duties include teaching subjects at the undergraduate and graduate levels, research, supervision of students, advising undergraduate student projects, and service to the Singapore University of Technology and Design (SUTD) and the community. At the start of employment, candidates should hold a Ph.D. in computer science, computer engineering, or a closely related field. Candidates for senior positions must demonstrate the ability to successfully create and manage

an independent research program.

Exceptional candidates in all areas will be considered, but priority will be given to those in the following areas.

- Artificial intelligence (with a focus on Machine Learning, Multi-agent Systems)
- Systems and networking
- Cyber security

SUTD is the proud host of several world-class centres of excellence in multi-disciplinary research, including the iTrust Centre for cybersecurity research, Future Communications R&D Programme, Lee Kuan Yew Centre for Innovative Cities (LKYCIC), Digital Manufacturing and Design (DManD) Centre, and Temasek Labs.

Successful candidates can expect internationally competitive remuneration (commensurate with qualifications), assistance for relocation to Singapore, and an attractive startup package for research. Singapore offers many opportunities for external research grants for individual or team-based projects. If you share SUTD’s vision for multi-disciplinary curricula and research with a focus on “Design” in the broadest sense, please contact us. For further information, visit <https://istd.sutd.edu.sg> or <https://www.sutd.edu.sg>.

Applications

Please submit your full application package which includes the following:

- A cover letter
- Full resume (with research interest, list of publications)
- Research statement

- Teaching statement
- 3 representative research papers
- Names of 3 references (this should be mentioned in the resume)

Interested and qualified candidates should apply online via: <https://careers.sutd.edu.sg/fa/en/job/494743/faculty-member-information-systems-technology-and-design>

Southern Illinois University Carbondale

Four Tenure-Track Assistant Professors

The Computer Science Program of the School of Computing at Southern Illinois University Carbondale seeks applicants for four tenure-track Assistant Professor positions in the areas of Cybersecurity and Cyber-Physical Systems, Data Science and Machine Learning, Internet of Things (IoT) and Edge Computing, and Cloud and Services Computing, starting August 16, 2023. Strong applicants in other Computer Science areas may be considered.

To read the full job announcements and apply, see:

CyberSecurity <https://jobs.siu.edu/job-details?jobid=14448>

Data/Machine Learning <https://jobs.siu.edu/job-details?jobid=14457>

IoT/Edge Computing <https://jobs.siu.edu/job-details?jobid=14468>

Cloud/Services Computing <https://jobs.siu.edu/job-details?jobid=14455>

For full consideration, please submit your application by December 31, 2022.

Required Documents: Cover Letter, Curriculum Vitae, Transcripts.

Southern Methodist University

Department of Computer Science - Data Science Faculty Cluster

Tenure-Track Assistant Professor

Position Number: 52166

The Department of Computer Science (CS) in the Lyle School of Engineering at Southern Methodist University (SMU) invites applications for a tenure-track Assistant Professor position beginning in Fall 2023. Candidates with expertise in data science, machine learning, artificial intelligence, algorithms, and scientific computing are especially encouraged to apply. Successful candidates shall demonstrate a strong commitment to excellence in research and teaching.

In particular, this position is part of a strategic cluster hire in Data Science and is one of the twelve positions allocated to the cluster around three areas of focus: Data Core, Health Analytics, and Technology and Education. The multi-faculty hire represents an ambitious program to develop large-scale collaborative research projects responding to some of humankind's most daunting challenges. This position is associated with the Data Core group which also includes positions in Mathematics, Statistics, and Information Technology and Operations Management. Faculty are expected to teach in our data science

programs and to collaborate with faculty, as appropriate in the other cluster areas.

A Ph.D. degree in Computer Science, or a related discipline is required by the time of appointment.

Application deadline is January 1, 2023. Review of applications will begin immediately until the positions are filled. Early submission before 12/1/2022 is strongly encouraged. To ensure full consideration, please apply before 1/1/2023. Hiring is contingent upon the satisfactory completion of a background check.

To apply, please submit the following items to Interfolio (<http://apply.interfolio.com/114185>): 1) a cover letter highlighting your qualifications, including how you would contribute to SMU's Data Core group, 2) complete curriculum vitae, 3) research statement, 4) teaching statement, 5) diversity statement, and 6) three letters of reference.

The SMU department of computer science offers B.S., B.A, M.S., Ph.D., and Doctor of Engineering degree programs. Existing faculty focus on three research thrust areas: applied machine learning, software engineering, and AI application domains. For more information visit <https://www.smu.edu/Lyle/Academics/Departments/CS>.

SMU is a private research university less than five miles from downtown Dallas, whose metroplex hosts one of the highest concentrations of high-tech jobs in the nation. SMU has over 12,000 students and over 1,100 faculty members. SMU campus is consistently ranked as one of the most beautiful campuses in America and also hosts the George W. Bush Presidential Center.

SMU will not discriminate in any program or activity on the basis of race, color, religion, national origin, sex, age, disability, genetic information, veteran status, sexual orientation, or gender identity and expression. The Executive Director for Access and Equity/Title IX Coordinator is designated to handle inquiries regarding nondiscrimination policies and may be reached at the Perkins Administration Building, Room 204, 6425 Boaz Lane, Dallas, TX 75205, 214-768-3601, accessequity@smu.edu.

Stanford University

Department of Computer Science

Lecturer Opening

The Department of Computer Science at Stanford University invites applications for a Lecturer position. The appointment will be made at the Lecturer or Senior Lecturer level, depending upon the candidate's seniority and experience. An appointment as a Lecturer is a full-time, non-tenure line position that is renewable in subsequent years and, depending on performance, may lead to promotion to Senior Lecturer. An appointment as a Senior Lecturer is a full-time position with an initial term appointment (up to 5 years) and would then be considered for a continuing appointment, which provides security of appointment without requiring further formal reappointment.

The candidate's primary responsibility is the teaching of undergraduate courses (typically four courses during the three quarters of the regular academic year, or

a 1-1-2 schedule). Additionally, candidates will also provide undergraduate student advising. Applicants should have a strong commitment to and demonstrated aptitude for excellent teaching. All candidates must hold a Master's degree or higher in computer science or a closely related discipline. Further information about the Computer Science Department at Stanford can be found at: <http://cs.stanford.edu/>.

Applications should include a cover letter, curriculum vitae, brief teaching statement (3 pages total, including references), material relevant to evaluating the applicant's teaching abilities, and the names of at least three references. Candidates are requested to ask references to send their letters directly to the search committee. Applications and reference letters should be sent to: Lecturer Search Committee Chair, c/o Laura Kenny-Carlson, via electronic mail to: search@cs.stanford.edu.

The review of applications will begin on December 5, 2022, and applicants are strongly encouraged to submit complete applications by that date for full consideration; however, applications will continue to be accepted until January 31, 2023.

Stanford is an equal employment opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other characteristic protected by law. Stanford also welcomes

applications from others who would bring additional dimensions to the University's research, teaching and clinical missions.

Stanford University

Department of Computer Science Faculty Opening

The Stanford Department of Computer Science invites applications for a teaching faculty position. The appointment will be made as a non-tenure line Professor (Teaching), with rank (Associate or Full Professor) depending upon the candidate's seniority and experience. Normally, the initial appointment term is 5 years, and is eligible for promotion to a continuing term appointment, which provides security of appointment without requiring further formal reappointment.

The Department seeks to strengthen its teaching program through this appointment and fill the position of Associate Department Chair for Education. The normal responsibilities for Professor (Teaching) include: teaching classes (typically four courses during the three quarters of the regular academic year), working to develop CS undergraduate curriculum, and involvement in the broader CS educational community. The Associate Chair's responsibilities additionally include a leadership role in designing and coordinating the CS undergraduate curriculum and coordinating the core teaching program, with a one-class reduction in teaching responsibility.

The ideal applicant for this position will have a strong commitment to and

demonstrated aptitude for teaching, as well as an established reputation and national visibility in Computer Science Education. All candidates must hold a Ph.D. in computer science or a closely related discipline. Further information about the Computer Science Department can be found at <http://cs.stanford.edu>. The School of Engineering website may be found at <https://engineering.stanford.edu/>. The Computer Science Department, School of Engineering, and Stanford University value faculty who are committed to advancing diversity, equity, and inclusion. Candidates may optionally include as part of their research or teaching statement a brief discussion of how their work will further these ideals.

Application Requirements:

- All applications should include a cover letter, curriculum vita, brief (3 pages total, including references) teaching statement, and material relevant to evaluating the applicant's teaching abilities.
- Applicants should submit the names and contact information of at least four references.

Please apply online at <https://facultypositions.stanford.edu>. You will need to create an account if you do not already have one. Questions should be directed to, Search Committee Chair, c/o Laura Kenny-Carlson, via electronic mail to search@cs.stanford.edu.

The review of applications will begin on December 5, 2022, and applicants are strongly encouraged to submit complete applications by that date for full consideration; however, applications will continue to be accepted until January 31, 2023.

Stanford is an equal employment opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other characteristic protected by law. Stanford also welcomes applications from others who would bring additional dimensions to the University's research, teaching and clinical missions.

State University of New York at Binghamton

Department of Computer Science

<http://cs.binghamton.edu>

The Computer Science Department at Binghamton University invites applications for six tenure-track positions at the Assistant Professor level with an expected start date of September 1, 2023. We are looking for excellent candidates in broad areas of computer science research, including but not limited to Software Engineering, NLP, Networking (5G/6G), Distributed Systems, Mobile Computing, Cloud Computing, Computer Architecture, IoT, Edge Systems and CPS. Applicants should have a Ph.D. in Computer Science or a related discipline, a strong research record, and a commitment to research and teaching.

Further details and application information are available at: <https://binghamton.interviewexchange.com/jobofferdetails.jsp?JOBID=154726>.

Applications will be reviewed until the positions are filled.

Binghamton University is an Equal Opportunity/Affirmative Action/Disability/Veterans Employer.

Stevens Institute of Technology

Tenure-Track Assistant/Associate Professor Of Analytics

The School of Business at Stevens Institute of Technology invites applications for a full-time tenure-track faculty position in Analytics. Appointments can be made at the Assistant or Associate Professor ranks, commensurate with the individual's record and experience. The expected start date is September 2023. Successful candidates will possess a PhD, or foreign equivalent, in Analytics, Information Systems, Computer Science, Management Science, or other related disciplines. Preference will be given to candidates with a background in Business Applications of Big Data and Artificial Intelligence.

For more information, please visit <https://jobs.chronicle.com/job/37340853/tenure-track-assistant-associate-professor-of-analytics/>

Stevens Institute of Technology

Teaching Faculty Positions in Computer Science

The *Department of Computer Science* in the Charles V. Schaefer, Jr. School of Engineering and Science (SES) at

Stevens Institute of Technology (Stevens) invites applications for non-tenure-track, teaching faculty positions to begin in September 2023. The department especially seeks candidates with strong background in theoretical computer science, systems and security but will consider applications in all areas of computer science.

Applicants must have earned a Ph.D. in computer science or a related discipline. The rank of the appointment will depend on experience and qualifications. Successful candidates are expected to have a strong commitment to excellence in teaching at both the graduate and undergraduate level. They are also expected to advise students, supervise them in research, and contribute to the intellectually vibrant, highly interdisciplinary, collaborative, diverse, innovative, and entrepreneurial culture at Stevens.

The *Department of Computer Science* is home to 31 full-time faculty members, including 17 hired in the last five years, and approximately 2,300 undergraduate and graduate students. As the fastest growing department at Stevens, we are the primary occupant of a new \$45 million state-of-the-art academic building. Faculty research is supported by the NSF including 5 CAREER awards, DARPA including one DARPA Young Faculty Award, NIH, NSA, ONR, and other federal and private funding sources and is carried out by a vibrant group of Ph.D. students, which has grown by 50% in the last few years. The Department is home to research labs on AI, machine learning, computer vision, big data analytics, programming languages, cryptography,

computer security, and software systems, and is the main constituent of the Stevens Institute for Artificial Intelligence (SIAI). SIAI is a new, interdisciplinary research center that brings together over 50 faculty members across the University.

Stevens Institute of Technology is a premier, private research university in Hoboken, New Jersey, overlooking the Manhattan skyline. Stevens prepares its more than 8,000 undergraduate and graduate students for an increasingly complex and technology-centric world, leveraging finance, computing, engineering, and the arts to confront the most challenging problems of our time with innovative teaching and research. The university is in the top 1% nationally of colleges with the highest-paid graduates.

Stevens values diversity and seeks candidates who will contribute to a welcoming and inclusive environment for students, faculty and staff of all backgrounds. We are an NSF ADVANCE institution committed to equitable practices and policies, and strongly encourage applications from women, racial and ethnic minority candidates, veterans, and individuals with disabilities.

Stevens Institute of Technology is an Equal Opportunity Employer. Accordingly, Stevens adheres to an employment policy that prohibits discriminatory practices or harassment against candidates or employees based on legally impermissible factor(s) including, but not necessarily limited to, race, color, religion, creed, sex, national origin, nationality, citizenship status, age, ancestry, marital or domestic

partnership or civil union status, familial status, affectional or sexual orientation, gender identity or expression, atypical cellular or blood trait, genetic information, pregnancy or pregnancy-related medical conditions, disability, or any protected military or veteran status. Stevens is building a diverse faculty, staff and student body and strongly encourages applications from female and minority candidates, as well as veterans and individuals with disabilities. Stevens is a federal contractor under the Vietnam Era Veterans' Readjustment Assistance Act (VEVRAA) and the Rehabilitation Act of 1973, as well as other federal statutes.

Applications will be accepted until the positions are filled. Review of applications will begin in December 2022, and continue until the positions are filled.

All applications must be submitted electronically at <https://academicjobsonline.org/ajo/stevens>. To apply, please submit a cover letter, curriculum vitae, a research statement, a teaching statement that includes teaching interests and philosophy on inclusive classroom practices, a diversity statement, and contact information for at least three references. The diversity statement could include participation or experience with programs, professional development, and/or engagement with students of diverse backgrounds, as well as plans for advancing these areas at Stevens. For any questions, please contact the Search Committee Chair, Professor Sandeep Bhatt, at sandeep.bhatt@stevens.edu.

Stevens Institute of Technology

Tenure-Track Faculty Positions in Computer Science

The *Department of Computer Science* in the Charles V. Schaefer, Jr. School of Engineering and Science (SES) at Stevens Institute of Technology (Stevens) invites applications for tenure-track and tenured positions in all areas of computer science at the assistant, associate, and full professor ranks.

We seek applications in the broad areas of systems, cybersecurity, and theoretical computer science. We will also consider outstanding candidates in all areas of research, including our current core areas: AI and machine learning, cybersecurity, programming languages, and computer vision.

Applicants should have earned a Ph.D. in computer science or a related discipline. Candidates are expected to demonstrate a commitment to teaching and mentorship at both the undergraduate and graduate levels, including working with students from underrepresented groups. Successful candidates will have the potential to develop an externally funded research program, supervise graduate students in research, and contribute to the highly interdisciplinary, collaborative, diverse, innovative, and entrepreneurial culture at Stevens. Candidates applying at the rank of Associate or Full should have a track record of success in scholarship, funded research, teaching, mentoring, and contributing to diversity, equity, and inclusion.

The *Department of Computer Science* is home to 31 full-time faculty members, including 17 hired in the last five years, approximately 2,300 undergraduate and graduate students. As the fastest growing department at Stevens, we are the primary occupant of a new \$45 million state-of-the-art academic building. Faculty research is supported by the NSF including 5 CAREER awards, DARPA including one DARPA Young Faculty Award, NIH, NSA, ONR, and other federal and private funding sources and is carried out by a vibrant group of Ph.D. students, which has grown by 50% in the last few years. The Department is home to research labs on AI, machine learning, computer vision, big data analytics, programming languages, cryptography, computer security, and software systems, and is the main constituent of the Stevens Institute for Artificial Intelligence (SIAI). SIAI is a new, interdisciplinary research center that brings together over 50 faculty members across the University.

Stevens Institute of Technology is a premier, private research university in Hoboken, New Jersey, overlooking the Manhattan skyline. Stevens prepares its more than 8,000 undergraduate and graduate students for an increasingly complex and technology-centric world, leveraging finance, computing, engineering and the arts to confront the most challenging problems of our time with innovative teaching and research. The university is in the top 1% nationally of colleges with the highest-paid graduates.

Stevens values diversity and seeks candidates who will contribute to a

welcoming and inclusive environment for students, faculty and staff of all backgrounds. We are an NSF ADVANCE institution committed to equitable practices and policies, and strongly encourage applications from women, racial and ethnic minority candidates, veterans and individuals with disabilities.

Stevens Institute of Technology is an Equal Opportunity Employer. Accordingly, Stevens adheres to an employment policy that prohibits discriminatory practices or harassment against candidates or employees based on legally impermissible factor(s) including, but not necessarily limited to, race, color, religion, creed, sex, national origin, nationality, citizenship status, age, ancestry, marital or domestic partnership or civil union status, familial status, affectional or sexual orientation, gender identity or expression, atypical cellular or blood trait, genetic information, pregnancy or pregnancy-related medical conditions, disability, or any protected military or veteran status. Stevens is building a diverse faculty, staff and student body and strongly encourages applications from female and minority candidates, as well as veterans and individuals with disabilities. Stevens is a federal contractor under the Vietnam Era Veterans' Readjustment Assistance Act (VEVRAA) and the Rehabilitation Act of 1973, as well as other federal statutes.

Applications will be accepted until the positions are filled. Review of applications will begin on December 1, 2022, and continue until the positions are filled.

All applications must be submitted electronically at <https://academicjobsonline.org/ajo/stevens>. To apply, please submit a cover letter, curriculum vitae, a research statement, a teaching statement that includes teaching interests and philosophy on inclusive classroom practices, a diversity

statement, and contact info for at least three references. The diversity statement could include participation or experience with programs, professional development, and/or engagement with students of diverse backgrounds, as well as plans for advancing these areas at Stevens. For any questions, please contact the Search

Committee Chair, Philippos Mordohai (pmordoha@stevens.edu).

St. Petersburg College

Dean, College of Computer and Information Technology

St. Petersburg College is in search of a **new Dean for the College of Computer and Information Technology**. The College is part of the Florida State College System serving over 45,000 students each year at learning sites throughout Pinellas County. It boasts one of the largest online programs in the country, with degrees and certificates in computer programming, cybersecurity, computer networking, web development, and technology management.

If you are interested in a higher education leadership opportunity in technology that encourages creativity, collaboration, and innovation, this job is for you.


For more details or to apply, visit <https://web.spcollege.edu/hrapp/job/5034>.

SUNY Korea

Assistant/Associate/Full Professor and Teaching Professor Positions

The Computer Science Department of SUNY Korea (<https://cs.sunykorea.ac.kr/cs/>) invites applications for tenure-track and teaching-track positions, to start in Fall 2023 or Spring 2023.

(A) Tenure-Track Faculty Position: An excellent faculty member is sought at all levels in all areas of computer science. The position will be tenured or tenure-



Stony Brook University

Empire Innovation Professor/Scholar Cybersecurity and Computer Systems

**Department of Computer Science
Stony Brook University**

Stony Brook University's Department of Computer Science invites applications for a tenure-track/tenured faculty position with an expected starting date of Fall 2023. We seek candidates that will complement and enhance our current strengths in cybersecurity and computer systems, broadly defined. We are also open to interdisciplinary candidates that specialize in cybersecurity/computer systems and another area such as AI/machine learning. Although the position is expected to be filled at the Associate or Full Professor level, exceptional candidates at a junior rank will also be considered. The position will include the title of SUNY Empire Innovation Professor or Scholar.

Applicants should hold a Ph.D. in Computer Science or a closely related discipline, have outstanding scholarly records and stellar potential in their field of study, and demonstrate a sincere commitment to teaching and mentoring. The department values diversity and seeks candidates who can contribute to a welcoming climate for all students. We strongly encourage applications from women and underrepresented groups.

The Department of Computer Science currently has 59 full-time faculty members and close to 2000 students in its undergraduate, masters and doctoral programs combined. The department is either home to or has significant partnerships with several interdisciplinary centers on campus. They include the Institute for AI-Driven Discovery and Innovation, National Security Institute (NSI), Center for Visual Computing (CVC), Center of Excellence in Wireless and Information Technology (CEWIT) and Institute of Advanced Computational Science (IACS). More information about the department is available from its web site www.cs.stonybrook.edu.

Stony Brook University is located approximately 60 miles east of Manhattan on Long Island's beautiful North Shore. It is part of the State University of New York (SUNY) system and is widely regarded as its flagship. It is ranked 31 among public universities by U.S. News & World Report's 2023 Best Colleges rankings and is a member of the prestigious Association of American Universities (AAU).

Application Instructions
Applicants need to electronically submit a curriculum vitae, statements of teaching, research and diversity and three letters of recommendation or evaluation.

Please apply here with the requested documents: <https://apptrkr.com/3709745>.
Questions should be directed to recruit@cs.stonybrook.edu.

track at SUNY Korea, and will carry an affiliated faculty position with the Computer Science Department at Stony Brook University – State University of New York (SUNY), Stony Brook, NY (<https://www.cs.stonybrook.edu/>). Applicants should hold a PhD in Computer Science or closely related field and exhibit a strong commitment to research and teaching.

(B) Teaching-Track Faculty Position: An excellent full-time teaching faculty is sought at the junior or senior level. The candidate is expected to teach introductory and advanced CS undergraduate and possibly graduate courses. It is possible for an excellent candidate to be converted into tenure-track at SUNY Korea at a later time. Engaging in research is encouraged but not mandatory. Applicants should hold a PhD or MS in Computer Science or a closely related field and exhibit a strong commitment to teaching.

The SUNY Korea CS department offers BS (ABET accredited), MS, and PhD degree programs and is tightly integrated with the highly ranked CS department at Stony Brook University. The academic degrees awarded at SUNY Korea are identical to those of Stony Brook University, and the language at SUNY Korea is English.

SUNY Korea (<https://www.sunykorea.ac.kr/en/>) is located in the new master-planned city of Songdo, Korea, hosting both global organizations and multinational corporations. Incheon International Airport is just 25 minutes away and Seoul with its fascinating blend of Asian cultures is less than 1 hour away.

More information about the positions and application instructions can be found

at <https://cs.sunykorea.ac.kr/cs/html/sub01/0106.html>. Review of applications will start immediately and will continue until the positions are filled. We value diversity and seek candidates who can contribute to a welcoming climate for all students. We strongly encourage applications from women and underrepresented groups.

Swarthmore College

Visiting Assistant Professor

The Computer Science Department at Swarthmore College invites applications for multiple two-year Visiting Assistant Professor positions to begin fall 2023. Applicants must have or expect to have a Ph.D. in Computer Science or a related field by the position's start date. All areas of CS will be considered. Candidates in adjacent fields with a record of scholarship and teaching computer science will also be considered.

Instructions for applying to the position can be found on Interfolio: <http://apply.interfolio.com/117268>

Applications received by January 15, 2023 will receive full consideration. Applications will be reviewed on a rolling basis until all positions are filled.

Temple University

Department of Computer and Information Sciences

Tenure-track Faculty Positions (Assistant/Associate/Full Professor)

The Department of Computer and Information Sciences (CIS) at Temple University invites applications for

tenure-track faculty whose expertise complements and expands its existing strengths in data science, computer systems, theory, and interdisciplinary research. We will consider candidates in all areas of computer science and at all ranks. We are particularly interested in candidates whose research focuses on data science, machine learning, security, and human-centered computing. Successful candidates are expected to have an outstanding research track record commensurate with their rank and commitment to excellence in undergraduate and graduate education. The search committee is especially interested in candidates who, through their research, teaching, and/or service, will contribute to the diversity and excellence of the academic community.

Temple University is a Carnegie R1 (highest research activity) institution that serves more than 30,000 students and is ranked #56 among top public universities by the U.S. News & World Report. Located in the heart of Philadelphia, a city known for arts, culture, history and affordable living, Temple University is in close proximity to many outstanding research centers and industry partners in information technology, healthcare, biotechnology, and finance. Housed within the College of Science and Technology, the Department of Computer and Information Sciences serves over 1,200 undergraduate majors and graduate students, with academic programs that prepare students to solve challenging, interdisciplinary problems that impact society. Faculty within the department are provided with institutional support, including highly competitive salaries, start-up packages, and low

teaching loads, to establish a world class research program. The department is committed to fostering a diverse, equitable, and inclusive departmental community, and is the headquarters of a national alliance for broadening participation of students and faculty from groups that have been historically excluded in computing.

Applications should be submitted electronically at:

<https://academicjobsonline.org/ajo/jobs/23689>

Submitted materials should include a curriculum vitae, a research statement with description of research accomplishments, teaching statement, and three letters of recommendation (names of referees are sufficient for senior-level candidates). Review of applications will begin on December 15, 2022 and continue until the positions are filled. For more information, send an email to cisfacultysearch@temple.edu, with "Tenure-track Faculty Position" as the subject. Temple University is an affirmative action/equal opportunity employer with a strong commitment to the quality of faculty life.

Temple University

Department of Computer and Information Sciences

Assistant, Associate, or Full Professor of Instruction

The Department of Computer and Information Sciences (CIS) at Temple University invites applications for **Assistant, Associate, or Full Professor of Instruction positions.**

We are interested in hiring faculty that will help us further extend the quality, depth, and breadth of our curriculum and contribute their leadership in advancing our educational mission. Applicants should have a commitment to promoting student engagement and implementing evidence-based instructional strategies that have been shown to be effective for teaching and mentoring diverse groups of students. An ideal applicant will have a PhD degree in computer science (or a related discipline), substantial industry experience, or prior experience teaching computer science courses. We are particularly interested in candidates with expertise in security, data science, web development, and software engineering that can enhance our current undergraduate and graduate course offerings.

This position is a non-tenure track 9-month academic appointment with a renewable multi-year contract. Temple University offers competitive salaries and excellent benefits. Opportunities for summer salary include summer teaching and grant-funded research.

Temple University is a Carnegie R1 (highest research activity) institution that serves more than 30,000 students and is ranked #56 among top public universities by the U.S. News & World Report. Located in the heart of Philadelphia, a city known for arts, culture, history and affordable living, Temple University is in close proximity to many outstanding research centers and industry partners in information technology, healthcare, biotechnology, and finance. Housed within the College of Science and Technology, the Department of Computer and Information Sciences serves undergraduate majors and graduate

students, with academic programs that prepare students to solve challenging, interdisciplinary problems that impact society. The department is committed to fostering a diverse, equitable, and inclusive departmental community, and is the headquarters of a national alliance for broadening participation of students and faculty from groups that have been historically excluded in computing.

Applications should be submitted electronically at:

<https://academicjobsonline.org/ajo/jobs/23478>

Submitted materials should include a curriculum vitae, teaching statement, and a statement describing contributions to academic research or industry experience. Review of candidates will begin immediately and continue until the positions are filled. Applicants are encouraged to apply by Feb 1, 2023 for priority consideration.

For more information, send email to cisteachingfacsearch@temple.edu with "Professor of Instruction Position" as the subject. Temple University is an affirmative action/equal opportunity employer with a strong commitment to the quality of faculty life.

Texas A&M Institute of Data Science

Six research positions in Data Science

The Texas A&M Institute of Data Science Thematic Labs have 5 open postdoctoral positions in the following areas: Scientific Machine Learning, Data Science for Social Justice, Visualization, Digital Twins, and

Urban Artificial Intelligence. We also seek an Assistant Research Scientist to expand our programs in education, training, and student engagement.

See further details and apply at:

https://tamus.wdl.myworkdayjobs.com/TAMU_External?q=tamids

Texas A&M University

CSE @ TAMU Multiple Faculty Positions

The Department of Computer Science and Engineering at Texas A&M University invites applications for multiple full-time tenure-track or tenured positions with 9-month academic appointments and the possibility of an additional summer appointment contingent upon the need and availability of funds beginning fall of 2023. Depending on qualifications, applicants will be considered for the faculty titles of assistant, associate, and full professor levels. Areas of interest include but are not limited to artificial intelligence, computer science education, cybersecurity, data science, human-centered computing, robotics, software, systems, and theory. Strong candidates in multi-disciplinary or emerging areas of computing are also encouraged to apply.

The successful applicant will be required to teach; advise and mentor graduate students; develop an independent, externally funded research program; participate in all aspects of the department's activities, and serve the profession.

The Department of Computer Science and Engineering (CSE) at Texas A&M is currently one of 15 departments in the College of Engineering. Many of the 52 tenured/

tenure-track faculty and 20 teaching-focused faculty hold a number of national distinctions, including ACM, IEEE, AAAS, SIAM Fellows, and ACM Distinguished Scientists and Engineers. The department has a strong and vibrant research program, with half the faculty having received NSF CAREER awards. CSE faculty have strong collaborations with the Center for Remote Health Technologies and Systems, Institute of Data Science, Global Cyber Research Institute, Cybersecurity Center, and Bush Combat Development Complex. Our student population comprises over 1,500 undergraduate students (sophomore to senior level) and nearly 550 graduate students. The department just moved to the newly renovated Peterson Building, with airy modern offices, conference rooms, and lounges equipped with state-of-the-art A/V technology. More information about CSE is available at <http://www.cse.tamu.edu>.

Applicants must have earned a doctorate in computer science, computer engineering, or a closely related field. Applicants should submit a cover letter, curriculum vitae, teaching statement, research statement, diversity statement, and a list of three references (including email addresses) by applying for this specific position at <http://apply.interfolio.com/115898>.

The review process will begin immediately. The review of applications will begin by December 1, 2022. Applications received after that date may be considered until positions are filled. It is anticipated that the appointments will begin in Fall 2023. Questions concerning the application process can be directed to Kathy Waskom at k-waskom@tamu.edu.

Texas A&M University is committed to enriching the learning and working environment for all visitors, students, faculty, and staff by promoting a culture that embraces inclusion, diversity, equity, and accountability. Diverse perspectives, talents, and identities are vital to accomplishing our mission and living our core values.

Equal Opportunity/Affirmative Action/Veterans/Disability Employer committed to diversity.

Texas A&M University, Corpus Christi

Three Tenure-Track Assistant/Associate Professor positions

The Department of Computing Sciences (<http://csci.tamucc.edu/>), at Texas A&M University-Corpus Christi invites applications for three tenure-track faculty positions in Computer Science at the rank of Assistant Professor or Associate Professor to begin fall 2023. Rank will be determined upon qualifications. The department, housed within the College of Engineering, offers BS and MS degrees in Computer Science, and the Ph.D. degree in Geospatial Computer Science.

The department faculty direct various research labs including MANTIS, iCORE, AIOE, and Cybersecurity Research and Innovation Lab (CRIL), and have research collaborations with the Conrad Blucher Institute for Surveying and Science, Harte Research Institute, and Lone Star Unmanned Aircraft Systems. The department has 21 full-time faculty with more than 300 BS, 200 MS and 20 doctoral students. The department's faculty are active in research areas

including machine learning, computer networks, cybersecurity, high performance computing, IoT, UAS, and geospatial systems.

Required Qualifications

- An earned Ph.D. in Computer Science or a closely related field
- A strong track record of original research with publications.

Preferred Qualifications

- Experience in teaching at undergraduate and graduate levels.
- Solid publication record, and evidence of or potential for grant-funded research.
- Preferred areas of research include:
 - AI/Machine Learning, especially Generative AI, Explainable AI, and/or applications of AI to healthcare and business.
 - Cybersecurity and Privacy, IoT security, software security, and cyber-physical systems.
 - Mobile software development, game software development, databases, software engineering, operating systems, programming languages, distributed systems, cloud computing, and computer vision.

TO APPLY: <https://www.tamucc.edu/human-resources/careers>. The following documents must be submitted to be considered for the position.

1. A cover letter with qualifications listed above mentioning the rank (Assistant or Associate) of appointment that you want to be considered for.
2. A statement of teaching and research philosophy.

3. A brief statement on your views on diversity and/or your experience in diverse professional settings.
4. A curriculum vitae.
5. A list of at least three professional references and contact information.

The review of applicants will begin no later than January 16th, 2023, and search will continue until the positions are filled. Equal Opportunity/Affirmative Action/Veterans/Disability Employer committed to diversity.

Texas Tech University

Assistant/Associate/Full Professor - Tenure Track

The Department of Computer Science at Texas Tech University invites applications for multiple tenured or tenure-track positions at various ranks starting in Fall 2023. Applicants must have a Ph.D. degree in Computer Science or related fields by the time of appointment. With one of the positions to address the teaching needs of the department in the areas of programming language concepts and compiler, we are looking for outstanding candidates in all core and emerging areas of computer science, with track records of research excellence, and ability to obtain external research funding and become leaders in research and education. Associate/Full Professor candidates must have proven record in building research teams at the university or national level, playing a leading role in obtaining significant external research funding, and having internationally impactful publications. Service duties include program building, as well as commitment

to extra-curricular activities. Service to the department, college, and university is expected. A demonstrated and ongoing commitment to serving diverse student populations and first-generation students is highly desirable.

A letter of application, Curriculum Vitae, statement of research, teaching statement, and three letters of reference (five for applications at the rank of Full Professor) should be submitted electronically at <http://www.texastech.edu/careers/> using requisition numbers 30602BR for assistant professorship, 30601BR for associate professorship or 30600BR for full professorship.

Review of applications for associate and full professors will start in Mid-October 2022 and review of applications for assistant professors will start in January 2023. For best consideration, applications for associate and full professors should be submitted by November 1st, 2022, and applications for assistant professors should be submitted by January 15th, 2023. Review of applications will continue until the positions are filled.

Texas Tech University is a Tier One Research University according to 2018 Carnegie Classification of Institutions of Higher Education.

As an Equal Employment Opportunity/Affirmative Action employer, Texas Tech University is dedicated to the goal of building a culturally diverse faculty committed to teaching and working in a multicultural environment. We actively encourage applications from all those who can contribute, through their research,

teaching, and/or service, to the diversity and excellence of the academic community at Texas Tech University. The university welcomes applications from minoritized candidates, women, protected veterans, persons with disabilities, and dual-career couples. Texas Tech University recently surpassed the Hispanic student population threshold necessary for designation as a Hispanic Serving Institution (HSI).

Should you have questions, please contact Search Committee Chair, Dr. Yu Zhuang, at yu.zhuang@ttu.edu.

Texas Tech University

Assistant/Associate Professor of Practice

The Department of Computer Science at Texas Tech University invites applications for Assistant/Associate Professor of Practice positions starting in Spring 2023. Applicants must have at least a Master's degree in Computer Science or related fields by the time of appointment. We are looking for passionate candidates who will contribute to the university's mission through teaching and mentoring students in professional and career preparation. Service duties include program-building, as well as commitment to extra-curricular activities. Service to the department, college, and university is expected. This is a non-tenure track, multi-year renewable appointment. A Ph.D. degree is preferred but not required. Industry experience of 5 or more years is a plus. The candidate must be prepared to teach large and small classes of undergraduate and graduate students. The selected candidate with a Ph.D. degree will also

be offered an opportunity to advance the career development to be considered for a tenure-track or tenured position. Successful candidates should have a demonstrated and ongoing commitment to serving diverse student populations.

A letter of application, Curriculum Vitae, teaching statement, and three letters of reference should be submitted electronically at <http://www.texastech.edu/careers/> using requisition number 30592BR for the Assistant Professor of Practice position and 30591BR for the Associate Professor of Practice position.

Applications made by Nov 1st, 2022 will be given the highest priority, and the review will continue until the positions are filled.

As an Equal Employment Opportunity/Affirmative Action employer, Texas Tech University is dedicated to the goal of building a culturally diverse faculty committed to teaching and working in a multicultural environment. We actively encourage applications from all those who can contribute, through their, teaching, and/or service, to the diversity and excellence of the academic community at Texas Tech University. The university welcomes applications from minoritized candidates, women, protected veterans, persons with disabilities, and dual-career couples. Texas Tech University recently surpassed the Hispanic student population threshold necessary for designation as a Hispanic Serving Institution (HSI).

Please direct any question to the Search Committee Chair, at cs.teachingsearch@ttu.edu.

Tulane University

Professor of Practice

The Data Hub: Tulane Center for Data Literacy seeks to hire three (3) Professors of Practice in Data, who will teach multi-disciplinary courses in data literacy, presentation, management, or analysis. The Data Hub is a new center at Tulane University that promotes, teaches, and supports data literacy, for students, faculty, and with the broader community. Data Hub programming will include courses, workshops, grants, academic programming, and events on data literacy, analysis, or management. In addition to teaching, the Professors of Practice will develop and facilitate a few co-curricular experiences each semester.

For more information and to apply, please use this link: <https://apply.interfolio.com/115084>

Tulane University

Faculty Positions in Computer Science Starting Fall 2023

The Department of Computer Science at Tulane University invites applications for faculty positions at the Assistant Professor and Professor of Practice levels beginning in Fall 2023. We welcome and encourage applications from members of underrepresented groups. Our friendly and collaborative department currently has 10 tenure-track/tenured faculty and 4 Professors of Practice with a commitment to grow over the next few years. In our research and teaching, we take pride in our equal focus on both computer science

and its interdisciplinary applications. Our current faculty are engaged in collaborative research with colleagues in the School of Science and Engineering, the School of Liberal Arts, and the Health Sciences. More information about the department, its faculty, its research areas, and its undergraduate and graduate programs can be found at <https://sse.tulane.edu/cs>.

Tulane University is a private Carnegie-R1 university and a member of the prestigious Association of American Universities (AAU). Tulane brings together bold and creative scholars, scientists and students who are committed to crossing boundaries. Data-intensive discovery lies at the heart of research and education at Tulane, and is fueled by the Data Hub, Tulane's new Center for Data Literacy. Tulane resides in historic New Orleans, Louisiana - a city that takes the utmost pride in its vibrant music scene, world-class restaurants, rich confluence of cultures and traditions, and festive Mardi Gras parades. "The things that make life worth living - eating, drinking and the making of merriment - are the air that New Orleans breathes." - Adam Karlin, Lonely Planet. The Princeton Review ranks Tulane at or near the top for Most Engaged in Community (#1), College City (#1), Happiest Students (#4), Best-Run College (#4), and Quality of Life (#9).

Assistant Professor

The department is looking to expand expertise in all areas related to data-intensive computing. Areas of interest include, but are not limited to, databases, visualization, and Human-Computer

Interaction (HCI). Outstanding candidates from other areas will be considered as well, for example in quantum computing or programming languages/compilers. The candidate should demonstrate a strong potential to engage in high quality research and teaching at both the undergraduate and graduate level To support junior faculty in establishing their research program, assistant professors in our department teach at most one course per semester.

Professor of Practice

Tulane Professors of Practice are faculty who design, enhance, and teach courses, and provide departmental and university service. Their term appointments are renewable every three years (initially) and every five years after promotion to Senior Professor of Practice. The typical teaching load is three courses per semester (two preps). Tulane recognizes and rewards innovative and quality teaching. Candidates interested in creating and adopting pedagogical innovations, conducting scholarly activity in computer science education, or developing original elective courses will find many opportunities and support to pursue their interests. The successful candidate will have a record of excellent teaching and mentoring at the undergraduate level, and commitment to student-centered teaching and to increasing diversity in computing.

Application Instructions

Review of applications for all positions will begin December 15, 2022, and will continue until the positions are filled.

Assistant Professor: Please submit a CV, statements on research, teaching, and diversity, and at least three letters of recommendation at <http://apply.interfolio.com/117069>.

Professor of Practice: Please submit a CV, a teaching statement including teaching evaluations, a diversity statement, and at least three letters of recommendation that address teaching at <http://apply.interfolio.com/117065>.

Tulane University is located in New Orleans - a city with tremendous history of diverse cultures, community, and languages. Tulane is actively building a campus culture grounded in our values of EDI and anti-racism. We seek and welcome candidate applications from historically underrepresented groups, such as BIPOC (Black, Indigenous, People of Color), women, LGBTQ+, and those living with disabilities as well as veterans.

Tulane University is an Equal Employment Opportunity/Affirmative Action institution committed to excellence through diversity. Tulane University will not discriminate based upon race, ethnicity, color, sex, religion, national origin, age, disability, genetic information, sexual orientation, gender identity or expression, pregnancy, marital status, military or veteran status, or any other status or classification protected by federal, state, or local law. All eligible candidates are encouraged to apply.

Union College

Assistant Professor of Computer Science

Union College invites applications for the tenure-track Mary H. '80 and Richard K. '80 Templeton Assistant Professor of Computer Science, beginning September 2023. This endowed position is part of a broader initiative to further strengthen and integrate computer science and engineering with the liberal arts at Union, and it benefits from an assigned annual allowance to support research and travel. We are especially interested in candidates who are enthusiastic about providing undergraduate research opportunities, mentoring of students, and cultivating a diverse learning community.

Our department offers a B.S. in computer science, supports an ABET accredited B.S. in computer engineering with the Electrical, Computer, and Biomedical Engineering Department, a Digital Media program with the Visual Arts department, and the computational track of the Neuroscience major. Preference will be given to applicants who have completed the Ph.D. in computer science or a related area; applicants close to finishing the Ph.D. will be considered. We welcome applications from members of groups traditionally underrepresented in the field.

Further information on the department, along with an application guide, is available at <https://cs.union.edu/jobs/>.

University of Alabama in Huntsville

Assistant Professor of Computer Science

ABOUT THE POSITION: The Department of Computer Science at The University of Alabama in Huntsville (UAH) invites applicants for a tenure-track faculty position at the Assistant Professor level beginning August 2023. A Ph.D. in computer science or a closely related area is required. Desired area of research is cybersecurity/cyber operations: Defensive Security and Intrusion Detection are of particular interest, although Offensive Security, Malware Analysis, and Reverse Engineering are also of interest. Candidates who have a secondary area of interest in data science, operating systems, modeling and simulation, or databases are desirable. Outstanding candidates in other areas will also be considered.

Candidates will be expected to seek funding from agencies such as the U.S. Department of Defense or Department of Justice or the National Aeronautics and Space Administration (NASA), due to UAH's proximity to Redstone Arsenal.

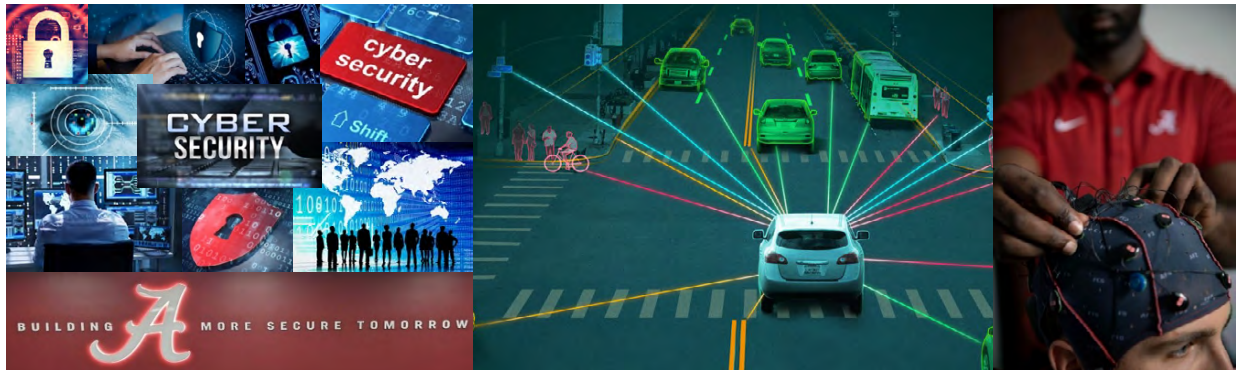
Ideally, a candidate should have a background with one or more of these U.S. government agencies. The successful candidate will have a strong academic background and be able to secure and perform funded research in areas typical for publication in well-regarded academic conference and journal venues. In addition, the candidate should embrace the opportunity to provide undergraduate education. The department has a strong commitment to excellence in teaching,

research, and service; the candidate should have good communication skills, strong teaching potential, and research accomplishments. The Computer Science department offers BS, MS, and PhD degrees in Computer Science and contributes to interdisciplinary graduate degrees in cybersecurity and software engineering. Faculty research interests are varied and include cybersecurity, data science, mobile computing, visualization, graphics and game computing, AI, image processing, pattern recognition, software engineering, and distributed systems. The annual NSF Higher Education Research and Development (HERD) survey ranked UAH as #11 in federally-financed computer and information sciences research expenditures.

APPOINTMENT DATE: Fall, 2023

ABOUT THE COLLEGE: The UAH College of Science advances cutting-edge research and offers first-rate degree programs thanks to our distinguished faculty and state-of-the-art facilities. Our location in Huntsville facilitates partnerships and collaborations with NASA, the US Army, NOAA, the HudsonAlpha Institute of Biotechnology, and the numerous high-tech companies located in Cummings Research Park, the second largest research park in the country. College of Science students enjoy the benefits of a research-intensive institution in a medium-sized university.

ABOUT THE UNIVERSITY: The University of Alabama in Huntsville, classified as a Very High Research Activity institution, offers academic and research programs in the Colleges of Arts, Humanities, and Social Sciences; Business; Education;



THE UNIVERSITY OF
ALABAMA® | College of
Engineering
Computer Science

Multiple Faculty Positions in Computer Science

The Department of Computer Science at the University of Alabama invites applications for multiple tenure-track faculty positions at all ranks and across all domains relevant to computer science. Candidates with research interests and expertise in cyber security, autonomous/connected vehicles/transportation, applied AI/robotics, and/or combinations of these areas are of particular interest for one or more of these positions. Housed in the College of Engineering, the Computer Science Department offers B.S. degrees in Computer Science and Cyber Security, and M.S. and Ph.D. degrees in Computer Science. The department has 25 faculty members (15 tenured/tenure-track faculty), approximately 900 undergraduates and 70 graduate students. The department research funding has more than doubled in the last three years with opportunities for collaboration with many research centers across the University. Established in 1831, The University of Alabama currently serves over 38,000 students and employs over 1,900 full and part-time faculty members in thirteen colleges and schools. The Carnegie Foundation has recognized The University of Alabama with its R1 - Very High Research Activity status.

Applicants must have completion of a doctoral degree from an accredited institution in computer science or a closely related field by the starting date. Applicants must have conducted prior research work and produced scholarly publications in refereed and other professional journals and conferences; show the ability to construct a quality research program and effective collaboration with other faculty; and exhibit the potential for excellent teaching at both the graduate and undergraduate levels.

Applicants should use the following QR codes to apply:

Computer Science Associate/Full Professor



Computer Science Assistant/Associate Professor



Engineering; Nursing; Professional Studies; and Science. <https://www.uah.edu/about>

ABOUT HUNTSVILLE: Huntsville (known as “Rocket City”) maintains one of the highest per capita incomes and standards of living in the Southeast, and is a culturally diverse community. It is a national center of aerospace and high technology research and is home to NASA’s Marshall Space Flight Center. U.S. News recently ranked Huntsville as the best place to live in 2022-2023 among the 150 most populous metro areas in the country. Huntsville offers a variety of educational, recreational, and cultural opportunities.

APPLICATION PROCEDURE AND DEADLINE:

Interested parties must submit a detailed resume with references to info@cs.uah.edu or Chair, Search Committee, Dept. of Computer Science, The University of Alabama in Huntsville, Huntsville, AL 35899. Qualified female and minority candidates are encouraged to apply. Initial review of applicants will begin as they are received and continue until a suitable candidate is found. The University of Alabama in Huntsville is an affirmative action/equal opportunity employer of minorities/ females/ veterans/ disabled.

Please refer to log number: Log 23-24-579

University at Albany

Chair, Department of Computer Science

The College of Engineering and Applied Sciences, University at Albany (SUNY) seeks applicants for the position of Chair of the Department of Computer Science, with the academic rank of

full or associate professor to begin September 2023.

The successful candidate will present an established record of scholarship with demonstrated potential to lead the growth and continuing development of computer science as a member of the Dean’s leadership team.

Applicants must have a Ph.D. in Computer Science, Computer Engineering or Electrical Engineering or a closely related discipline from a college or university accredited by the U.S. Department of Education or an internationally recognized accrediting organization.

For a complete job description and application procedures, visit: <http://albany.interviewexchange.com/jobofferdetails.jsp?JOBID=154905>

Questions regarding the position may be addressed to CSChairSearch@albany.edu

For additional information on the College and its departments, please visit: <http://www.albany.edu/ceas/>

University at Albany is an EO/AA/IRCA/ADA employer.

University of Alberta

Full-Time Tenure-Track Assistant Professor Position in Theoretical Computing Science

The Department of Computing Science at the University of Alberta invites applications for one full-time, tenure-track Assistant Professor position, starting as early as July 1st, 2023, in the broad area of

Theoretical Computing Science. The areas of interest include but are not limited to:

- Data structures and Algorithms;
- Streaming, Sketching, and Big Data Algorithms;
- Computational Complexity;
- Algorithmic Economy/Game theory and Mechanism Design;
- Approximation Algorithms;
- Online Algorithms;
- Discrete Optimization;
- Theoretical Aspects of Parallel and Distributed Computing.

The Department of Computing Science is one of the largest and oldest computing science departments in Canada, and one of the best in the world.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

The University of Alberta is committed to an equitable, diverse, and inclusive workforce. We welcome applications from all qualified persons. We encourage women; First Nations, Métis, and Inuit persons; members of visible minority groups; persons with disabilities; persons of any sexual orientation or gender identity and expression; and all those who may contribute to the further diversification of ideas and the University to apply.

For more information, application instructions and deadlines, please visit: <https://www.careers.ualberta.ca/Competition/A104848950/>.

University of Alberta

Two Full-Time Tenure-Track Assistant Professor Positions in Artificial Intelligence & Machine Learning

The Department of Computing Science at the University of Alberta invites applications for two Assistant Professor positions, starting as early as July 1st, 2023, in the broad area of Artificial Intelligence and Machine Learning, with preference given (but not restricted) to the following topics:

- ML/Deep Learning Theory
- Reliable/Secure/Private AI Systems
- Robotics
- NLP (with a focus on ML/deep learning)

The successful candidates are expected to have demonstrated research potential strong enough for a promising nomination by the Department of Computing Science and the Alberta Machine Intelligence Institute (Amii) for a Canada CIFAR AI Chair. Amii is one of three institutes supported by the Pan-Canadian AI Strategy. The CIFAR Chair includes substantial research funding for five years, and membership as an Amii fellow.

The Department of Computing Science is one of the largest and oldest computing science departments in Canada, and one of the best in the world.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

The University of Alberta is committed to an equitable, diverse, and inclusive workforce. We welcome applications

from all qualified persons. We encourage women; First Nations, Métis, and Inuit persons; members of visible minority groups; persons with disabilities; persons of any sexual orientation or gender identity and expression; and all those who may contribute to the further diversification of ideas and the University to apply.

For more information, application instructions and deadlines, please visit: <https://www.careers.ualberta.ca/Competition/A104848951/>

University of Arizona

Career-track (teaching) Faculty in Computer Science

The Department of Computer Science at the University of Arizona is accepting applications from dedicated educators for non-tenure-eligible, Career -Track (i.e., teaching) faculty positions at all ranks. Teaching faculty are vital to the department's mission and are appointed with the expectation of long-term employment. The typical teaching load is two courses in each of the Fall and Spring semesters, but factors such as class size may reduce that load. Career-track faculty at all ranks teach both core and elective undergraduate courses, based on their interests and department needs, and actively participate in departmental faculty meetings, decision-making, planning, and service.

Career-Track faculty positions offer a well-defined promotion path along two tracks.

Applicants for the Professor of Practice track must have earned a Ph.D. in Computer Science or a closely-related discipline by the time of appointment.

Applicants will be considered for appointment at the Assistant Professor of Practice, Associate Professor of Practice, or Full Professor of Practice ranks based on experience and evidence of teaching quality and effectiveness.

Applicants for the Lecturer track must have earned an M.S. in Computer Science or a closely-related discipline by the time of appointment. Applicants with a B.A. or B.S. along with sufficient industry experience will also be considered. Applicants will be considered for appointment at the Lecturer, Senior Lecturer, or Principal Lecturer ranks based on experience and evidence of teaching quality and effectiveness.

As of Fall 2022, the Department of Computer Science has 27 faculty members, including nine Career-Track faculty. The Department has a long history of excellent undergraduate and graduate instruction and research accomplishment with a diverse and enthusiastic student body.

The University of Arizona's main campus is in Tucson, the heart of a metropolitan area of over a million people surrounded by five mountain ranges. Tucson boasts a warm desert climate, 350 sunny days per year, and a wide variety of outdoor activities. More information about the University and its community is available at whyUA.arizona.edu.

To apply, complete an online application at the UA Human Resources website. The links for these positions can be found here: <https://arizona.csod.com/ux/ats/careersite/4/home/requisition/11863?c=arizona>

and here: <https://arizona.csod.com/ux/ats/careersite/4/home/requisition/11864?c=arizona>. Be sure to include, as directed, (a) your curriculum vitae, (b) a statement of your teaching philosophy and interests, and (c) the names and contact information of at least three professional references.

The University of Arizona is an EO/AA employer-M/W/D/V.

Review of applications will begin immediately and will continue until the positions are filled. Please email lecturesearch@cs.arizona.edu if you have any questions or need assistance.

University of Arizona

Assistant Professor, Tenure Track, Data Science

The School of Information at the University of Arizona seeks MULTIPLE tenure-track Assistant Professors with a record of research in machine learning, natural language processing, and/or computational social science focusing on misinformation in social media and social networks to begin in Fall, 2023. We are especially interested in candidates who are well-versed in big data computational methodologies, those with interest in academic leadership roles (e.g., program supervision, student advising), and/or those who bring a record of working on interdisciplinary/transdisciplinary funded grant teams. This position will include teaching responsibilities at both undergraduate and graduate levels and across online and face to face formats.

[APPLY HERE](#)

University of Arizona

Assistant and Associate Professor, Tenure Track

The Department of Electrical and Computer Engineering in Tucson, AZ invites applications for multiple tenure-track positions at the ranks of Assistant and Associate Professor with a start date of August 2023. Review of applications will begin on January 17, 2023; applications will be accepted until the position is filled.

The ECE Department at UArizona offers an innovative and inclusive environment with excellent collaboration opportunities in cybersecurity, networking, wireless communications, quantum information processing, coding and information theory, machine learning, autonomous systems and robotics, embedded systems, computer architecture, as well as in biomedical technologies, optics, photonics, software engineering, and cloud/distributed computing.

<https://arizona.csod.com/ux/ats/careersite/4/home/requisition/12591?c=arizona>

University of Arizona

Assistant Professor, Tenure Track, Game Development

The School of Information at the University of Arizona seeks multiple tenure-track Assistant Professors with a record of research in game development to begin in mid-August, 2023. We are especially interested in candidates who are well-versed in technical game

development and/or those who bring a record of working on interdisciplinary/transdisciplinary funded grant teams.

We welcome all candidates working within game development, but are especially interested in candidates with any of the following expertise:

- Novel interactions and game mechanics.
- Innovative implementation techniques or algorithms.
- Serious games/games developed for improved player experiences (e.g., games for health, wellbeing, and learning).
- Novel controls, input, and display technologies.
- Tools for game creation (e.g., game engines).
- Virtual, augmented, and mixed reality.

[APPLY HERE](#)

University of Arizona

Postdoctoral Position: Educational Aspects of Reverse Engineering

The purpose of this postdoctoral position is to run the project "LIGERLabs: Educational Modules for (Anti-)Reverse Engineering" that was recently funded by NSF under the SaTC/EDU program. This work builds lectures, tools, and exercises to improve students' abilities in Reverse Engineering and Anti-Reverse Engineering. The goal is threefold: to give students the mental tools necessary to understand the low-level nature of many of the security issues seen today, to increase student proficiency in dissecting and analyzing different forms of executable

code, and to ensure students are familiar with techniques for protecting against such attacks. This is a year to year appointment up to 2nd year contingent upon funding and performance.

Please apply at <https://arizona.csod.com/ux/ats/careersite/4/home/requisition/12678>.

University of Arizona

Assistant/Associate/Full Professor of Computer Science (multiple positions)

The Department of Computer Science at the University of Arizona invites applications for multiple tenure-track / tenured faculty positions in all areas of computer science and at all ranks.

The Department has a long history of research accomplishment, influential software distribution, and substantial external funding. Current research areas include algorithms, bioinformatics, compilers, computational geometry, databases, high-performance computing, machine learning, natural language processing, networks, operating systems, security, vision, and visualization. More information about the University of Arizona and its environs is available at talent.arizona.edu.

To apply, complete an online application at the UArizona Human Resources website: <https://bit.ly/3EIH5zn>. Please upload: (a) your curriculum vitae; (b) a research statement; (c) a teaching statement; (d) a diversity, inclusion, and equity statement; (e) the names of at least three references, who will be contacted in the final phase of the search; and (f) a cover letter.

The University of Arizona is an EO/AA employer-M/W/D/V.

As part of a Hispanic Serving Institution, the department is committed to addressing barriers in the field. Those who share our vision of bringing a transformational educational experience to our students, who are committed to anti-bias practices and mentoring under-represented students, are strongly encouraged to apply. We are particularly interested in receiving applications from members of groups that have been historically underrepresented in their chosen fields.

Among generous benefits, the university offers reimbursement for qualified childcare expenses, qualified tuition reduction for eligible family members, and 12 weeks of paid and 12 weeks of unpaid parental leave. The University of Arizona is located in the heart of Tucson, known for its opportunities for leisure activities, including amazing biking, hiking, rock climbing, horseback riding, and caving. The University of Arizona has been recognized for our innovative work-life programs.

Review of applications will begin January 3, 2023 and continue until the position is filled. Please email search@cs.arizona.edu if you have questions or need assistance.

University of British Columbia, Vancouver

Assistant Professor or Associate Professor in Security (Tenure-Track)

The Department of Electrical and Computer Engineering at the University of British Columbia, Vancouver campus,

invites applications for a full-time tenure track position at the rank of Assistant or Associate Professor in the Department of Electrical and Computer Engineering in the area of Computer Security and Privacy. Appointment at the rank of Associate Professor may be with tenure for an applicant of exceptional qualifications. Applicants are expected to have a primary focus in computer security and privacy, a strong publication record in top venues in systems security, and a demonstrated ability to collaborate and innovate across disciplines within and/or outside of computer engineering.

APPLICANT QUALIFICATIONS

The successful applicant will be expected to develop an independent research program that complements the department's existing strengths, assume teaching responsibilities at the undergraduate and graduate levels, and serve the department and university in various capacities. The successful applicant should have a record of research excellence or the promise of establishing a distinguished record of research and publications, as well as a commitment to high quality education. In addition, the successful applicant should be able to demonstrate how their research seeks to advance methodological innovation through their approach to collaborative working between academic disciplines and / or with non-academic partners, and to impact contemporary societal challenges. Strong applicants are likely to be comfortable working with and learning from non-specialists in their field.

Applicants should hold a doctoral degree in a relevant discipline by their anticipated start date and must be eligible to obtain a full or limited license with Engineers and Geoscientists British Columbia within five years of appointment.

In assessing applications, UBC recognizes the legitimate impact that leaves (e.g., maternity leave, leave due to illness) can have on a candidate's record of research achievement. These leaves will be taken into careful consideration during the assessment process.

Equity and diversity are essential to academic excellence. An open and diverse community fosters the inclusion of voices that have been underrepresented. We encourage applications from members of groups that have been marginalized on any grounds enumerated under the B.C. Human Rights Code, including sex, sexual orientation, gender identity or expression, racialization, disability, political belief, religion, marital or family status, age, and/or status as a First Nation, Metis, Inuit, or Indigenous person. While qualified candidates are encouraged to apply, Canadians and permanent residents of Canada will be given priority.

UBC welcomes and encourages applications from people with disabilities. Accommodations are available on request for all candidates taking part in all aspects of the selection process. To confidentially request accommodations, please contact the Department Head, Steve Wilton, at chair-recruiting@ece.ubc.ca.

APPLICATION

All applications must be submitted online at <https://apply.ece.ubc.ca>. Applicants should submit:

- a cover letter describing suitability for the position;
- a current curriculum vitae;
- a research statement describing current research, research goals, and a description of how the research would contribute to the Healthy, Equitable, Adaptable Cities and Communities cluster;
- a teaching statement describing courses taught, teaching interests, and other educational activities;
- a diversity statement, addressing how you have been contributing to a diverse, equitable, and inclusive academic environment, and will continue to do so at UBC;
- a 100-word summary, suitable for a non-specialist audience, outlining the nature and purpose of the research; and
- the names and contact information (including email addresses) of four referees who will be contacted to submit references.

The deadline for applications is December 15, 2022. The anticipated start date for this position is July 1, 2023 but is negotiable. Salary will be commensurate with qualifications and experience.

CONTEXT: PRESIDENT'S ACADEMIC INITIATIVE

This position is part of the University of British Columbia's President's Academic Excellence Initiative (PAEI) within the Faculty of Applied Science. In the Faculty of Applied Science, the leadership of the constituent Schools and Departments has come together around a shared vision to build a like-minded community

of scholars ready to challenge and create afresh prevailing ways of generating and applying impactful knowledge in areas related to Healthy, Equitable, Adaptable Cities and Communities.

While inequality and the climate emergency have long been pressing concerns, their pertinence and implications have been amplified in the context of the global Covid-19 pandemic. As societies look towards creating new pathways to the future, it is more important than ever that the scholarly community seeks innovative approaches in the ways we study, learn and research. This includes how the questions we address are identified, how we do research and with whom, how we learn together across disciplinary boundaries and cultural traditions, and how we share and develop ideas and knowledge. If scholarly knowledge is to have impact, new methodological approaches are needed, creating new intellectual traditions which better contribute to the realization of healthy, safe, inclusive and thriving communities.

The Faculty of Applied Science (APSC) at UBC is uniquely positioned to advance this creative and impactful vision through a distinctive constellation of units, with expertise and academic programs in health, technology, design and communities guided by a Strategic Plan Transforming Tomorrow that prioritizes transforming ourselves, our scholarship and our learning to address the urgent challenges facing communities and cities, near and far. The Faculty consists of three Schools: Nursing; Architecture and

Landscape Architecture; and Community and Regional Planning; and six engineering departments: Chemical and Biological Engineering; Civil Engineering; Electrical and Computer Engineering; Mechanical Engineering; Materials Engineering; Mining Engineering; the School of Biomedical Engineering; and the School of Engineering at the UBC Okanagan campus.

CONTEXT: UBC DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

The University of British Columbia is a Tier One research university with over 55,000 students and 5,700 faculty, ranked among the top twenty universities in the world and the top three in Canada. The Department of Electrical and Computer Engineering is one of the largest academic units at UBC, with approximately 400 graduate students and 1,000 undergraduate students. Our department is anticipating significant renewal over the next few years as we strengthen key areas in high demand. Our research and teaching activities benefit from strong links to the Institute for Computing, Information and Cognitive Systems (ICICS), the Advanced Materials and Process Engineering Laboratory (AMPEL), and the Stewart Blusson Quantum Matter Institute (QMI), as well as strong collaborations with the Department of Computer Science and other units within the Faculty of Applied Science. The department is situated on UBC's Point Grey campus in Vancouver, British Columbia. Vancouver is consistently rated one of the world's most livable cities. The University of British Columbia and the Department of Electrical and Computer Engineering acknowledges

the h n q min m-speaking xwm kw y m (Musqueam) people on whose traditional, ancestral, and unceded territory the University resides.

FOR FURTHER INFORMATION

For more information about the Department of Electrical and Computer Engineering, please visit <https://ece.ubc.ca/>. Please direct inquiries about the position and the application process to chair-recruiting@ece.ubc.ca.

University of British Columbia

*Computer Science and Psychology
(Assistant Professor, tenure-track)*

The Departments of Computer Science and Psychology at the Vancouver campus of the University of British Columbia invite applications for a full-time tenure-track position at the rank of Assistant Professor, with an anticipated start date of July 1, 2023. The successful candidate will hold a joint appointment as a faculty member in both departments.

Prior to this date, the successful applicant will have been awarded a PhD in Computer Science, in Psychology, or in an interdisciplinary programme where the research methods of those disciplines are combined. They will be actively engaged in research at the interface of computer science and psychology, the topics of which may include, but need not be limited to, human computer interaction, the computational modeling of behavioural or neuronal processes, and the use of computational methods to study and/or model aspects of learning, memory, perception and decision making.

Evidence of potential to pursue such research at the highest levels should ideally be given by the candidate's record of publication, conference participation, and other internationally recognized scholarship, in the fields of both psychology and computer science. By making a contribution to the literature of both disciplines, the successful candidate's research should have the potential to complement and extend the University of British Columbia's existing strengths.

For the full job description, please visit our website at <https://www.arts.ubc.ca/academic-postings/computer-science-and-psychology-assistant-professor-tenure-track/>

All applications must be submitted online at <https://psyc.air.arts.ubc.ca/assistant-professor-comp-sci-and-psych/>

Questions about the search can be directed to the committee co-chairs, Dr. Karon MacLean (Computer Science) and Dr. Rebecca Todd (Psychology) at CS-PSYC-search@cs.ubc.ca.

University of British Columbia

Assistant, Associate or Full Professor in Robotics

Seaspan Chair/Professorship

The Faculty of Applied Science at The University of British Columbia (Vancouver campus) seeks an outstanding applicant in the field of robotics for a tenure-track or tenured position at the rank of Assistant, Associate or Full Professor, who will occupy a named position in

association with Seaspan Shipyards (www.seaspan.com). This position is part of UBC's President's Academic Excellence Initiative (PAEI), and the successful candidate is expected to develop collaborations with a diverse group of researchers across UBC and with the local marine industry in the areas of underwater robotics and autonomous vessels. We welcome applicants who would engage with our existing strength in Robotics, and from those who would inspire new areas of growth. The successful applicant will hold a joint appointment in the Departments of Mechanical Engineering and Electrical & Computer Engineering starting July 1, 2023, or shortly thereafter.

Research areas of interest include, but are not limited to, mobile robotics, autonomous systems, intelligent vehicles, soft robotics, bioinspired robotics, and advancements in robotics instrumentation and control systems.

Applicants must hold a Ph.D. (or equivalent) in Mechanical Engineering, Electrical & Computer Engineering, or a related discipline, and should demonstrate the potential to achieve excellence in research and teaching. The successful candidate will develop an independent, internationally recognized research program, teach at the undergraduate and graduate levels, supervise and mentor Master's and Ph.D. students, and provide service to the University and the community. Owing to the need for close cooperation with industry and government, a track record of successful industry experience would be an asset. The successful candidate is expected to

register as a Professional Engineer in the Province of British Columbia.

UBC's Vancouver campus is situated at the tip of Iqsn (Point Grey) on the traditional and unceded lands of the x m k y m (Musqueam) people, surrounded by forest, ocean and mountains. Vancouver is consistently ranked as one of the most diverse cities in Canada, and one of the most livable cities in the world. UBC seeks to recruit and retain a workforce that is representative of Vancouver's diversity, to maintain the excellence of the University, and to offer students richly varied disciplines, perspectives and ways of knowing and learning.

All of our work is shaped by our values: professionalism and integrity; scholarship and teaching excellence; commitment to students; partnerships and collegiality; initiative, innovation, and willingness to change; community, the environment, and sustainability. We hold these values as an integral frame of reference to inform our decisions and actions at every level and in every situation.

Interested applicants should submit a CV, a list of four references, and research, teaching, and diversity statements. Applications must be submitted online at <https://apply.ece.ubc.ca>. Emailed applications will not be considered. Our department welcomes and encourages applications from members of marginalized groups. Accessibility or special consideration accommodations are available upon request for all applicants at all stages of the selection process. To confidentially request accommodations, please contact chair-recruiting@ece.ubc.ca.

Review of applications will begin December 1, 2022; all applications received by December 15, 2022 will receive full consideration. In addition to this search in Robotics, the department of Electrical and Computer Engineering is also searching for an internationally recognized leader in robotics for a new Tier 1 Canada Research Chair (CRC) position. Please see the advertisement on our website for details.

Details on Research Statement: Please include both information about your research expertise and experience and about your research plan as a new faculty member, including as appropriate current and potential collaborators (at UBC and elsewhere) and sources of funding.

Details on Teaching Statement: Your teaching statement should describe your teaching interests and experience at any and all scales from one-on-one tutoring to small group tutorials to teaching large section courses. Also, explain your teaching philosophy, including specific examples that have informed the evolution of that teaching philosophy.

Details on Diversity Statement: UBC's strategic plan identifies inclusive excellence as one of our key priorities. We welcome colleagues with the experiences and competencies that can contribute to our principles of equity, diversity, and inclusion throughout campus life. In your application, please include a statement describing your experience working with a diverse student body and your contributions to creating/advancing a culture of equity and inclusion on campus or within your discipline.



Two Tenure-Track Assistant Professor Positions in the Department of Computer Science

As part of UC Davis' commitment to hire leading research faculty with an outstanding commitment to teaching, research and service that will promote the success of historically underrepresented and marginalized student communities and address the needs of our increasingly diverse state and student population, the College of Engineering announces two open tenure-track positions, at the Assistant Professor level, in the Department of Computer Science.

Position 1: Machine Learning

Applications are encouraged from candidates with a strong background in Machine Learning and all its variants including Deep Learning, Reinforcement Learning, Fairness and Learning, Explainable AI, Computer Vision, Natural Language Processing.

Application packages for Machine Learning should be submitted online at:

<https://apptrkr.com/3566785>

Position 2: Cybersecurity and Visualization

Applications are encouraged from candidates with a strong background in Data Science. We especially seek exceptional candidates with established records of excellence in applying Data Science to Cybersecurity or Visualization.

Application packages for Cybersecurity and Visualization should be submitted online at:

<https://apptrkr.com/3566785>

We seek candidates with potential or demonstrated excellence in research that complements or extends existing research strengths in the Department of Computer Science and elsewhere on campus, and the potential to attract extramural funding. We also seek evidence of, or potential for, commitment to the advancement of diversity, equity, and inclusion for historically underrepresented and marginalized student communities. Finally, we seek evidence of a commitment to excellence in teaching at the graduate and undergraduate levels.

For fullest consideration applications must be completed by December 15, 2022; there is some possibility that applications that arrive as late as January 20, 2023 might be considered.

UC Davis is one of the top public universities in the nation. Davis, California, is a vibrant college town with excellent public schools and a Mediterranean climate, and many nearby opportunities for industrial and government collaboration, cultural activities and outdoor recreation. We encourage applicants to explore the University's, College's and Department's websites. We strongly recommend that all candidates visit the UC Davis website dedicated to additional information about how application materials, including the Statement of Contributions to Diversity, Equity, and Inclusion, will be assessed carefully by the Search Committee in the screening and review process.

Applications:

Applications should be submitted on-line at <https://apptrkr.com/3566785>.

UC San Diego



Assistant Professor - Machine Learning/Optimization (HDSI/ECE)

The University of California, San Diego invites applications for a tenure-track faculty position in Machine Learning Theory and Systems with focus a in Optimization.

This will be a joint appointment in the Halicioğlu Data Science Institute (HDSI) and Department of Electrical and Computer Engineering (ECE). The appointment will be at the Assistant Professor level (tenure track).

Salary is commensurate with qualifications and based on UC salary scales.

Data science and machine learning methods have already transformed the design practices in ECE. Conversely, information and signal processing techniques at the core of ECE curriculum have become vital tools in modern day data science and machine learning.

The relentless growth of data in all aspects of society and technology will undoubtedly strengthen the symbiotic relationship between data science and electrical engineering to develop foundational optimization methods to process the data sets and data streams, leading to still-to-be-imagined data-driven algorithms, processes, and intelligence. At UCSD, HDSI is home to TILOS, an NSF AI Institute focused on foundations of optimization and engineering applications including computer-aided chip design, and wireless network optimization.

The Department of Electrical and Computer Engineering has traditionally had a strong presence in statistical signal processing and information theory, serving the educational and research mission of HDSI. This joint faculty search seeks to leverage the success of these existing programs and continue to build a strong group in Machine Learning Theory and Systems with special emphasis in Optimization methods.

The successful appointee will be expected to teach graduate and undergraduate students at HDSI and ECE, with teaching load for each unit commensurate with the appointment. Candidates are expected to establish a vigorous program of high-quality research that focuses on innovations in Machine Learning Theory and Systems.

Basic Qualifications: (required at time of application)

PhD or Advancement to Candidacy in Data Science, Computer Science, Engineering, or related discipline.

Preferred Qualifications:

We seek applicants with an outstanding track record of research accomplishments, excellence in teaching, service, and a commitment to support diversity, equity and inclusion at the university.

Document Requirements:

- Cover Letter
- Curriculum Vitae - Your most recently updated C.V.
- Statement of Research
- Statement of Teaching
- Teaching Evaluations (Optional)
- Statement of Contributions to Diversity - Applicants should summarize their past or potential contributions to diversity.

See our <http://facultydiversity.ucsd.edu/recruitment/contributions-to-diversity.html> site for more information.

COVID-19 Impact Statement - We understand that the COVID-19 pandemic may have had a substantial impact on academic productivity. In our academic hiring processes, we will be keeping this in mind as we consider achievement relative to opportunity. We encourage you to reflect on constraints on opportunity in your field that were caused by the events of the pandemic and where applicable, to discuss your achievements in this light.

Additional Information is available online at:

<https://apptrkr.com/3638881>




Assistant Professor - Machine Learning/Optimization (HDSI/ECE)

The University of California, San Diego invites applications for a **tenure-track faculty position in Machine Learning Theory and Systems with focus a in Optimization.**

This will be a joint appointment in the Halicioğlu Data Science Institute (HDSI) and Department of Electrical and Computer Engineering (ECE). The appointment will be at the Assistant Professor level (tenure track).

Salary is commensurate with qualifications and based on UC salary scales.

Data science and machine learning methods have already transformed the design practices in ECE. Conversely, information and signal processing techniques at the core of ECE curriculum have become vital tools in modern day data science and machine learning.

The relentless growth of data in all aspects of society and technology will undoubtedly strengthen the symbiotic relationship between data science and electrical engineering to develop foundational optimization methods to process the data sets and data streams, leading to still-to-be-imagined data-driven algorithms, processes, and intelligence. At UCSD, HDSI is home to TILOS, an NSF AI Institute focused on foundations of optimization and engineering applications including computer-aided chip design, and wireless network optimization.

The Department of Electrical and Computer Engineering has traditionally had a strong presence in statistical signal processing and information theory, serving the educational and research mission of HDSI. This joint faculty search seeks to leverage the success of these existing programs and continue to build a strong group in Machine Learning Theory and Systems with special emphasis in Optimization methods.

The successful appointee will be expected to teach graduate and undergraduate students at HDSI and ECE, with teaching load for each unit commensurate with the appointment. Candidates are expected to establish a vigorous program of high-quality research that focuses on innovations in Machine Learning Theory and Systems.

Basic Qualifications: (required at time of application)

PhD or Advancement to Candidacy in Data Science, Computer Science, Engineering, or related discipline.

Preferred Qualifications:

We seek applicants with an outstanding track record of research accomplishments, excellence in teaching, service, and a commitment to support diversity, equity and inclusion at the university.

Document Requirements:

- Cover Letter
- Curriculum Vitae - Your most recently updated C.V.
- Statement of Research
- Statement of Teaching
- Teaching Evaluations (Optional)
- Statement of Contributions to Diversity - Applicants should summarize their past or potential contributions to diversity.

See our <http://facultydiversity.ucsd.edu/recruitment/contributions-to-diversity.html> site for more information.

COVID-19 Impact Statement - We understand that the COVID-19 pandemic may have had a substantial impact on academic productivity. In our academic hiring processes, we will be keeping this in mind as we consider achievement relative to opportunity. We encourage you to reflect on constraints on opportunity in your field that were caused by the events of the pandemic and where applicable, to discuss your achievements in this light.

Additional Information is available online at:
<https://apptrkr.com/3638881>




Assistant Professor (tenure-track) - Data Systems Security and Privacy

The University of California, San Diego invites applications from outstanding candidates for a **tenure-track faculty position** with primary appointment in the **Halicioğlu Data Science Institute**. The appointment will be at the Assistant level.

Successful appointees will have a track record of scientific accomplishments, excellence in teaching, a commitment to university service and a commitment to support diversity, equity and inclusion at the university.

Salary is commensurate with qualifications and based on University of California pay scales.

We study principles, techniques, and tools for acquiring, managing, and analyzing large and complex datasets throughout their whole lifecycle. We build and deploy software systems and software-hardware integrated systems to aid data-driven decision making and responsible data science in both the digital and the physical worlds.

Search Focus:

We seek applicants with extraordinary research records and potential from data science that concern security and privacy (broadly understood) for all levels – including persons, devices, and systems – and all aspects of data science – including collection, analysis, management, and reuse.

We especially encourage applications from candidates with a track record of building tools and/or artifacts, and also demonstrated impact on major data science application domains (e.g., healthcare, medical devices, social networks) or societal infrastructures (e.g., transportation, smart grids, smart cities, cloud computing).

This position requires teaching of university students. A successful applicant will teach three courses per year at the undergraduate and/or graduate level on relevant topics.

In addition, all formally appointed faculty in HDSI are expected to participate in mentoring undergraduate students' year-long capstone projects.

To Apply: <https://apptrkr.com/3633991>



Assistant Professor - Chancellor's Joint Initiative: Natural Language Processing (HDSI/Linguistics)

University of California San Diego

Application Window

Open date: November 21, 2022

Next review date: Wednesday, Dec 21, 2022 at 11:59pm (Pacific Time)

Apply by this date to ensure full consideration by the committee.

Final date: Friday, Jun 30, 2023 at 11:59pm (Pacific Time)

Applications will continue to be accepted until this date, but those received after the review date will only be considered if the position has not yet been filled.

Position description

The University of California, San Diego invites applications for an Assistant Professor (tenure-track) in the broad area of Natural Language Processing. This position will hold a joint appointment in the Department of Linguistics and the Halicioğlu Data Science Institute (HDSI), to begin in Fall 2023.

Data Science is beginning to advance our understanding of society and human behavior in ways that pose grand challenges to our understanding of how humans learn, use, and process natural language. HDSI is pursuing a strategy for advancing Data Science that builds upon its unique strengths in creating interdisciplinary research areas that span multiple disciplines and departments. The Department of Linguistics takes a strong interdisciplinary approach to language research that combines theory, computation, and experimentation. The department plays a central role in the new Computational Social Science (CSS) program within the School of Social Sciences, creating an excellent opportunity to collaborate in bringing together the emerging discipline of Data Science with research challenges in Linguistics, to be led by scholars with strong linguistic, quantitative, and computational skills.

We seek exceptional candidates with a strong record of publications and research in this interdisciplinary area. The selected candidate is expected to teach undergraduate and graduate level courses, as well as mentor students, in both Linguistics and HDSI. They will conduct and publish research and participate in professional activities (e.g., conferences) in the field of Natural Language Processing. They are also expected to participate in department and university service as academic members of the campus community.

Authorization to work in the U.S. is a precondition of employment.

Qualifications

Basic qualifications (required at time of application)

PhD or Advancement to Candidacy in Data Science, Computer Science, Engineering, Linguistics, Mathematics/Statistics, or related discipline.

Application Requirements

Document requirements

- Cover Letter
- Curriculum Vitae - Your most recently updated C.V.
- Statement of Research
- Statement of Contributions to Diversity - Applicants should summarize their past or potential contributions to diversity. See our <http://facultydiversity.ucsd.edu/recruitment/contributions-to-diversity.html> site for more information.
- Statement of Teaching
- Teaching Evaluations (Optional)
- COVID-19 Impact Statement - We understand that the COVID-19 pandemic may have had a substantial impact on academic productivity. In our academic hiring processes, we will be keeping this in mind as we consider achievement relative to opportunity. We encourage you to reflect on constraints on opportunity in your field that were caused by the events of the pandemic and where applicable, to discuss your achievements in this light.

(Optional)

- Misc / Additional (Optional)

Reference requirements

- 3-5 letters of reference required

Help contact: d1dutson@ucsd.edu

Campus Information

The University of California, San Diego is an Equal Opportunity/Affirmative Action Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, covered veteran status, or other protected categories covered by the UC nondiscrimination policy.

As a condition of employment, you will be required to comply with the University of California. All Covered Individuals under the policy must provide proof of Full Vaccination or, if applicable, submit a request for Exception (based on Medical Exemption, Disability, and/or Religious Objection) or Deferral (based on pregnancy) no later than the applicable deadline. Please refer to Appendix F, Section II.C. of the policy for the deadlines applicable to new University of California employees. (Capitalized terms in this paragraph are defined in the policy.) Federal, state, or local public health directives may impose additional requirements.

The University of California prohibits <https://smokefree.ucsd.edu/> use at all University controlled properties.

This report provides crime and fire statistics, as well as institutional policy statement & procedures. Contact the UC San Diego Police Department at (858) 534-4361 if you want to obtain paper copies of this report.

Job location: San Diego

To apply, please visit: <https://apptrkr.com/3664611>

UC San Diego is an Equal Opportunity/Affirmative Action Employer with a strong institutional commitment to excellence through diversity.

Equity and diversity are essential

to academic excellence. An open and diverse community fosters the inclusion of voices that have been underrepresented or discouraged. We encourage applications from members of groups that have been marginalized on any grounds enumerated under the B.C. Human Rights Code, including sex, sexual orientation, gender identity or expression, racialization, disability, political belief, religion, marital or family status, age, and/or status as a First Nation, Metis, Inuit, or Indigenous person. All qualified candidates are encouraged to apply; however, Canadians and permanent residents of Canada will be given priority. All positions are subject to final budgetary approval.

University of California, Riverside

Open Rank Faculty Position

The Department of Electrical and Computer Engineering at the University of California, Riverside, invites applications for an open rank faculty position. The search targets applicants with research expertise in all areas of Machine Learning (ML) and Artificial Intelligence (AI), especially at the intersection of signal processing, information theory, and machine learning.

Appointments are expected to begin July 1, 2023.

Applications may be submitted using the link found on the AP Recruit website:

<https://aprecruit.ucr.edu/JPF01686>

Applications must be submitted by February 6, 2023, for full consideration.

Inquiries can be directed to ecehiring@ece.ucr.edu

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified candidates will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, protected veteran status, or any other characteristic protected by law.

University of California - San Diego

Assistant, Associate, or Full Professor - CSE (Search I)

The UC San Diego Department of Computer Science and Engineering (CSE) invites applications for multiple tenure-track faculty positions at the Assistant Professor or tenured faculty positions at Associate, or Full Professor rank. The department is looking for exceptional candidates in all areas of Computer Science and Engineering.

We are looking for applicants with outstanding research credentials. Successful applicants are expected to lead a vigorous research program and will be required to teach university students. We are particularly seeking faculty passionate about working with graduate students and training the next generation of researchers.

For the Assistant Professor, applicants must have a Ph.D. or advancement to candidacy in Computer Science & Engineering or related disciplines is required at the time of application.

For the Associate or Full Professor, Applicants must have a Ph.D. in

Computer Science & Engineering or a related disciplines is required at the time of application.

Salary and rank will be commensurate with qualifications in conformance with University of California policies.

The CSE Department is committed to building an excellent, diverse, and inclusive faculty, staff and student body. In addition to the highest standards of scholarship, teaching, and professional activity, candidates demonstrating a potential or past contributions to a climate that supports equity, diversity, and inclusion are highly desired. The application requires a Contribution to Diversity statement that should highlight well-articulated plan building on past experiences creating or contributing to programs that aim to increase access and success of underrepresented students and faculty in engineering.

For further information and guidance on preparing contributions to diversity statements, see:

http://soeadm.ucsd.edu/ppi/academic_personnel/diversity/docs/C2D_Expectations.pdf and <http://facultydiversity.ucsd.edu/recruitment/contributions-to-diversity.html>

CSE is home to over 70 faculty and 1,000 graduate students who span a range of research areas in computer science, computer engineering and bioinformatics. In addition, the department works closely with the Center for Networked Systems (CNS), the California Institute for Telecommunications and Information Technology (CallIT2), the Halicioglu Data Science Institute (HDSI), the Design Lab, the Contextual Robotics Institute (CRI), San



UC San Diego

Associate/Full Professor (tenured) - Data Systems Security and Privacy (HDSI)

The University of California, San Diego invites applications from outstanding candidates for a tenured faculty position with primary appointment in the Halicioğlu Data Science Institute. The appointment will be at the Associate/Full Professor level. Salary is commensurate with qualifications and based on University of California pay scales.

Successful appointees will have a track record of scientific accomplishments, excellence in teaching, university and professional service, and a commitment to support diversity, equity and inclusion at the university. The University of California, San Diego is committed to academic excellence and diversity within the faculty, staff and student body.

We study principles, techniques, and tools for acquiring, managing, and analyzing large and complex datasets throughout their whole lifecycle. We build and deploy software systems and software-hardware integrated systems to aid data-driven decision making and responsible data science in both the digital and the physical worlds.

Search Focus:

We seek applicants with extraordinary research records relevant to data science that concern security and privacy (broadly understood) for all levels — including persons, devices, and systems — and all aspects of data science — including collection, analysis, management, and reuse.

We especially encourage applications from candidates with a track record of building tools and/or artifacts, and also demonstrated impact on major data science application domains (e.g., healthcare, medical devices, social networks) or societal infrastructures (e.g., transportation, smart grids, smart cities, cloud computing).

This position requires teaching of university students. A successful applicant will teach three courses per year at the undergraduate and/or graduate level on relevant topics. In addition, all formally appointed faculty in HDSI are expected to participate in mentoring undergraduate students' year-long capstone projects.

QUALIFICATIONS

Basic qualifications (required at time of application)

PhD in Data Science, Computer Science, Statistics, Mathematics, or a related field.

Record of published research in Data Science and/or related fields.

Preferred qualifications

We are looking for applicants with outstanding research credentials at the Associate or Full Professor level. Successful applicants are expected to lead a vigorous research program and will be required to teach university students. We are particularly seeking faculty passionate about working with graduate students and training the next generation of researchers.

Document requirements:

- Cover Letter
- Curriculum Vitae - Your most recently updated C.V.
- Statement of Research
- Statement of Contributions to Diversity - Applicants should summarize their past or potential contributions to diversity. See our <http://facultydiversity.ucsd.edu/recruitment/contributions-to-diversity.html> site for more information.
- Statement of Teaching
- Teaching Evaluations (Optional)
- Misc / Additional (Optional)
- COVID-19 Impact Statement - We understand that the COVID-19 pandemic may have had a substantial impact on academic productivity. In our academic hiring processes, we will be keeping this in mind as we consider achievement relative to opportunity. We encourage you to reflect on constraints on opportunity in your field that were caused by the events of the pandemic and where applicable, to discuss your achievements in this light. (Optional)
- Institutional Reference Check - UC San Diego requires all candidates for academic appointments with tenure or security of employment to complete, sign, and upload the form entitled "Authorization to Release" into RECRUIT as part of their application. Additional information is available online:

Reference requirements

- 3-5 required (contact information only)

To apply, please visit: <https://apptrkr.com/3660549>

UC San Diego is an Equal Opportunity/Affirmative Action Employer with a strong institutional commitment to excellence through diversity.

UC San Diego

Assistant Teaching Professor - HDSI

The University of California, San Diego invites applications from outstanding candidates for one or more Assistant Teaching Professor positions within the Halicioğlu Data Science Institute (HDSI) to meet the long-term instructional needs in the growing field of Data Science. Teaching Professors are full members of the academic senate and are eligible for Security of Employment, analogous to tenure. The Assistant Teaching Professor position (formal title "Lecturer with Potential Security of Employment") is a faculty appointment with a primary emphasis on teaching university students, in addition to pedagogical and/or disciplinary research. The normal teaching load expected for Teaching Professors is two courses per quarter at the undergraduate and/or graduate level.

We seek applicants who are interested in teaching-focused careers, and who will excel at developing and teaching courses in data science. While applications from all areas of data science will be considered, we especially encourage those with teaching or research experience in data visualization, probability and statistics, distributed processing systems, database systems, software development, and/or programming languages to apply. Information on current undergraduate courses taught in HDSI can be found at <https://dsc-courses.github.io/>, and more information on HDSI can be found at <https://datascience.ucsd.edu>.

This position requires teaching of university students and applicants are required to have a PhD or Advancement to Candidacy at the time of application in Computer Science, Mathematics, Statistics, Engineering or a related discipline. Successful appointees will have a track record of excellence in teaching, research accomplishments, a commitment to university service, and a commitment to support diversity, equity, and inclusion at the university. The University of California, San Diego is committed to academic excellence and diversity within the faculty, staff, and student body.

BASIC QUALIFICATIONS (required at time of application)

A PhD or Advancement to PhD Candidacy in Computer Science, Mathematics, Statistics, Engineering or a related discipline.

PREFERRED QUALIFICATIONS

Ideal candidates will have at least one year of prior experience as a TA, lead instructor, or other comparable teaching experience, along with demonstrated scholarship in data science, computing education, or a related field.

HDSI is committed to building an excellent, diverse, and inclusive faculty, staff and student body. As such, applicants who have engaged in activities or efforts to educate a broad and diverse group of students and worked to increase the participation and success of students from groups underrepresented in STEM are preferred.

Application Requirements

Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter (Optional)
- Statement of Teaching
- Teaching Evaluations (Optional)
- Statement of Research
- Statement of Contributions to Diversity - Applicants should summarize their past or potential contributions to diversity. See our <http://facultydiversity.ucsd.edu/recruitment/contributions-to-diversity.html> site for more information.
- Misc / Additional (Optional)
- COVID-19 Impact Statement - We understand that the COVID-19 pandemic may have had a substantial impact on academic productivity. In our academic hiring processes, we will be keeping this in mind as we consider achievement relative to opportunity. We encourage you to reflect on constraints on opportunity in your field that were caused by the events of the pandemic and where applicable, to discuss your achievements in this light. (Optional)

Reference requirements

- 3-5 letters of reference required

To apply, please visit: <https://apptrkr.com/3639122>

UC San Diego is an Equal Opportunity/Affirmative Action Employer with a strong institutional commitment to excellence through diversity.



Associate/Full Professor - Chancellor's Joint Initiative: Natural Language Processing (HDSI/Linguistics)

University of California San Diego

Position overview

Application Window

Open date: November 21, 2022

Next review date: Sunday, Jan 1, 2023 at 11:59pm (Pacific Time)

Apply by this date to ensure full consideration by the committee.

Final date: Friday, Jun 30, 2023 at 11:59pm (Pacific Time)

Applications will continue to be accepted until this date, but those received after the review date will only be considered if the position has not yet been filled.

Position description

The University of California, San Diego invites applications for a tenured Associate or Full Professor in the broad area of Natural Language Processing. This position will hold a joint appointment in the Department of Linguistics and the Halicioğlu Data Science Institute (HDSI), to begin in Fall 2023.

Data Science is beginning to advance our understanding of society and human behavior in ways that pose grand challenges to our understanding of how humans learn, use, and process natural language. HDSI is pursuing a strategy for advancing Data Science that builds upon its unique strengths in creating interdisciplinary research areas that span multiple disciplines and departments. The Department of Linguistics takes a strong interdisciplinary approach to language research that combines theory, computation, and experimentation. The department plays a central role in the new Computational Social Science (CSS) program within the School of Social Sciences, creating an excellent opportunity to collaborate in bringing together the emerging discipline of Data Science with research challenges in Linguistics, to be led by scholars with strong linguistic, quantitative, and computational skills.

We seek exceptional candidates with a strong record of publications and research in this interdisciplinary area. The selected candidate is expected to teach undergraduate and graduate level courses, as well as mentor students, in both Linguistics and HDSI. They will conduct and publish research and participate in professional activities (e.g., conferences) in the field of Natural Language Processing. They are also expected to participate in department and university service as academic members of the campus community.

Authorization to work in the U.S. is a precondition of employment.

Qualifications

Basic qualifications (required at time of application)

PhD in Data Science, Computer Science, Linguistics, or related discipline.

Track record of published research in Data Science or related field.

Preferred qualifications

We seek applicants with an outstanding track record of research accomplishments, excellence in teaching, service, and a commitment to support diversity, equity and inclusion at the university.

Application Requirements

Document requirements

- Cover Letter
- Curriculum Vitae - Your most recently updated C.V.
- Statement of Research
- Statement of Contributions to Diversity - Applicants should summarize their past or potential contributions to diversity. See our <http://facultydiversity.ucsd.edu/recruitment/contributions-to-diversity.html> site for more information.
- Statement of Teaching
- Teaching Evaluations (Optional)
- Institutional Reference Check - UC San Diego requires all candidates for academic appointments with tenure or security of employment to complete, sign, and upload the form entitled "Authorization to Release" into RECRUIT as part of their application. Additional information is available online:
- Misc / Additional (Optional)

Reference requirements

- 3-5 letters of reference required

Help contact: d1dutson@ucsd.edu

Campus Information

The University of California, San Diego is an Equal Opportunity/Affirmative Action Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, covered veteran status, or other protected categories covered by the UC nondiscrimination policy.

As a condition of employment, you will be required to comply with the University of California. All Covered Individuals under the policy must provide proof of Full Vaccination or, if applicable, submit a request for Exception (based on Medical Exemption, Disability, and/or Religious Objection) or Deferral (based on pregnancy) no later than the applicable deadline. Please refer to Appendix F, Section II.C. of the policy for the deadlines applicable to new University of California employees. (Capitalized terms in this paragraph are defined in the policy.) Federal, state, or local public health directives may impose additional requirements.

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This report provides crime and fire statistics, as well as institutional policy statement & procedures. Contact the UC San Diego Police Department at (858) 534-4361 if you want to obtain paper copies of this report.

Job location: San Diego

To apply, please visit: <https://apptrkr.com/3664644>

UC San Diego is an Equal Opportunity/Affirmative Action Employer with a strong institutional commitment to excellence through diversity.



UC San Diego

Associate/Full Professor (tenured) - Data Systems Security and Privacy (HDSI)

The University of California, San Diego invites applications from outstanding candidates for a tenured faculty position with primary appointment in the Halicioğlu Data Science Institute. The appointment will be at the Associate/Full Professor level. Salary is commensurate with qualifications and based on University of California pay scales.

Successful appointees will have a track record of scientific accomplishments, excellence in teaching, university and professional service, and a commitment to support diversity, equity and inclusion at the university. The University of California, San Diego is committed to academic excellence and diversity within the faculty, staff and student body.

We study principles, techniques, and tools for acquiring, managing, and analyzing large and complex datasets throughout their whole lifecycle. We build and deploy software systems and software-hardware integrated systems to aid data-driven decision making and responsible data science in both the digital and the physical worlds.

Search Focus:

We seek applicants with extraordinary research records relevant to data science that concern security and privacy (broadly understood) for all levels — including persons, devices, and systems — and all aspects of data science — including collection, analysis, management, and reuse.

We especially encourage applications from candidates with a track record of building tools and/or artifacts, and also demonstrated impact on major data science application domains (e.g., healthcare, medical devices, social networks) or societal infrastructures (e.g., transportation, smart grids, smart cities, cloud computing).

This position requires teaching of university students. A successful applicant will teach three courses per year at the undergraduate and/or graduate level on relevant topics. In addition, all formally appointed faculty in HDSI are expected to participate in mentoring undergraduate students' year-long capstone projects.

QUALIFICATIONS

Basic qualifications (required at time of application)

PhD in Data Science, Computer Science, Statistics, Mathematics, or a related field.

Record of published research in Data Science and/or related fields.

Preferred qualifications

We are looking for applicants with outstanding research credentials at the Associate or Full Professor level. Successful applicants are expected to lead a vigorous research program and will be required to teach university students. We are particularly seeking faculty passionate about working with graduate students and training the next generation of researchers.

Document requirements:


- Cover Letter
- Curriculum Vitae - Your most recently updated CV.
- Statement of Research
- Statement of Contributions to Diversity - Applicants should summarize their past or potential contributions to diversity. See our <http://facultydiversity.ucsd.edu/recruitment/contributions-to-diversity.html> site for more information.
- Statement of Teaching
- Teaching Evaluations (Optional)
- Misc / Additional (Optional)
- COVID-19 Impact Statement - We understand that the COVID-19 pandemic may have had a substantial impact on academic productivity. In our academic hiring processes, we will be keeping this in mind as we consider achievement relative to opportunity. We encourage you to reflect on constraints on opportunity in your field that were caused by the events of the pandemic and where applicable, to discuss your achievements in this light. (Optional)
- Institutional Reference Check - UC San Diego requires all candidates for academic appointments with tenure or security of employment to complete, sign, and upload the form entitled "Authorization to Release" into RECRUIT as part of their application. Additional information is available online:

Reference requirements

- 3-5 required (contact information only)

To apply, please visit: <https://apptrkr.com/3660549>

UC San Diego is an Equal Opportunity/Affirmative Action Employer with a strong institutional commitment to excellence through diversity.

UC San Diego

Assistant Professor: Broad Area search in Data Science (HDSI)

The University of California, San Diego invites applications from outstanding candidates for an Assistant Professor (tenure-track) position in the Halicioğlu Data Science Institute (HDSI). HDSI is pursuing a strategy for advancing Data Science that builds upon its unique strengths in creating interdisciplinary research areas that span multiple disciplines and departments. Funded with a \$75M endowment, the mission of Halicioğlu Data Science Institute is to explore the scientific foundations for the new field of data science. These foundations include both the principles, methods, and tools that will enable us to understand the nature of digital data and also the intersections between the new field of Data Science and existing disciplines of human inquiry. HDSI is a new strategic academic institute tasked with hosting and coordinating data science research and education activities at the University of California, San Diego. We are currently looking for faculty appointments at all levels to build the core faculty of the Institute with the following search focus areas.

Candidates must submit their application to one of the following three (3) broad areas of this search:

Data Science Theoretical Foundations

We seek faculty applicants who apply their disciplinary skills to advance the theory and applications of data science. The scope includes the fundamental theory, techniques, methods, and algorithms underlying data science applications in various domains. The foundation's area draws heavily from traditional disciplines such as machine learning, statistics, optimization, signal processing, algorithms, and complexity. Accordingly, ideal candidates will have a doctorate in computer science, engineering, or mathematics/statistics and a record of research in foundations of data sciences.

Data Science Systems and Applications

We seek faculty candidates with background and experience in building data science systems (including architectural design, data mining, database systems, hardware, and software implementations) that target a well-defined application area. Examples of application areas include robotics, health, and cyber-physical systems. Research topics may include architectural design and implementation of devices and systems that push the state of the art in the use of data, data models, data-related workflows, and methods of artificial intelligence. Demonstrated applications of these advances in targeted areas are of special interest. System implementations that target cross-cutting needs such as data visualization, and system security are particularly welcome to apply. Accordingly, ideal candidates will have a doctorate in sciences or engineering with a record of research in data sciences.

Data Science and Society

We seek faculty candidates with a background in computer science and social sciences who explore the impact of risks and benefits of digital data for a well-defined vertical: such as democratic practice, health, education, trade in digital services, or societal infrastructure for energy, transportation, and communications or information infrastructures. Of prime interest will be candidates pursuing advances in theory, methods, and tools that help us understand security risks to organizations and the national infrastructure, and devise methods and policies to mitigate those risks considering both technical considerations and implementation factors such as social, political and economic feasibility.

Successful applicants will be expected to teach graduate and undergraduate students in the Data Science major/minor degree programs offered by the Institute. All candidates are expected to establish a vigorous program of high-quality, federally-funded research that focuses on innovations in one of the targeted search areas. Salary is commensurate with qualifications and based on University of California pay scales.

BASIC QUALIFICATIONS (required at time of application)

PhD/equivalent or Advancement to Candidacy by time of application.

PREFERRED QUALIFICATIONS

HDSI is committed to building an excellent, diverse, and inclusive faculty, staff, and student body. In addition to the highest standards of scholarship, teaching, and professional activity, successful candidates for this position will have demonstrated strong leadership or a commitment to support diversity, equity, and inclusion in an academic setting.

To apply, please visit: <https://apptrkr.com/3634213>

UC San Diego is an Equal Opportunity/Affirmative Action Employer with a strong institutional commitment to excellence through diversity.



Associate/Full Professor (tenured): Broad Area search in Data Science (HDSI)

The University of California, San Diego invites applications from outstanding candidates for an Associate/Full Professor (tenured) position in the Halicioğlu Data Science Institute (HDSI). HDSI is pursuing a strategy for advancing Data Science that builds upon its unique strengths in creating interdisciplinary research areas that span multiple disciplines and departments. Funded with a \$75M endowment, the mission of Halicioğlu Data Science Institute is to explore the scientific foundations for the new field of data science. These foundations include both the principles, methods, and tools that will enable us to understand the nature of digital data and also the intersections between the new field of Data Science and existing disciplines of human inquiry. HDSI is a new strategic academic institute tasked with hosting and coordinating data science research and education activities at the University of California, San Diego. We are currently looking for faculty appointments at all levels to build the core faculty of the Institute with the following search focus areas.

Candidates must submit their application to one of the following three (3) broad areas of this search:

Data Science Theoretical Foundations

We seek faculty applicants who apply their disciplinary skills to advance the theory and applications of data science. The scope includes the fundamental theory, techniques, methods, and algorithms underlying data science applications in various domains. The foundation's area draws heavily from traditional disciplines such as machine learning, statistics, optimization, signal processing, algorithms, and complexity. Accordingly, ideal candidates will have a doctorate in computer science, engineering, or mathematics/statistics and a record of research in foundations of data sciences.

Data Science Systems and Applications

We seek faculty candidates with background and experience in building data science systems (including architectural design, data mining, database systems, hardware, and software implementations) that target a well-defined application area. Examples of application areas include robotics, health, and cyber-physical systems. Research topics may include architectural design and implementation of devices and systems that push the state of the art in the use of data, data models, data-related workflows, and methods of artificial intelligence. Demonstrated applications of these advances in targeted areas are of special interest. System implementations that target cross-cutting needs such as data visualization, and system security are particularly welcome to apply. Accordingly, ideal candidates will have a doctorate in sciences or engineering with a record of research in data sciences.

Data Science and Society

We seek faculty candidates with a background in computer science and social sciences who explore the impact of risks and benefits of digital data for a well-defined vertical: such as democratic practice, health, education, trade in digital services, or societal infrastructure for energy, transportation, and communications or information infrastructures. Of prime interest will be candidates pursuing advances in theory, methods, and tools that help us understand security risks to organizations and the national infrastructure, and devise methods and policies to mitigate those risks considering both technical considerations and implementation factors such as social, political and economic feasibility.

Successful applicants will be expected to teach graduate and undergraduate students in the Data Science major/minor degree programs offered by the Institute. All candidates are expected to establish a vigorous program of high-quality, federally-funded research that focuses on innovations in one of the targeted search areas. Salary is commensurate with qualifications and based on University of California pay scales.

QUALIFICATIONS

Basic qualifications (required at time of application)

PhD or equivalent in Data Science, Computer Science, Statistics, Mathematics, or a related field.

Preferred qualifications

HDSI is committed to building an excellent, diverse, and inclusive faculty, staff, and student body. In addition to the highest standards of scholarship, teaching, and professional activity, successful candidates for this position will have demonstrated strong leadership or a commitment to support diversity, equity, and inclusion in an academic setting.

APPLICATION REQUIREMENTS

- Document requirements
- Cover Letter
- Curriculum Vitae - Your most recently updated CV.
- Statement of Research
- Statement of Contributions to Diversity - Applicants should summarize their past or potential contributions to diversity. See our <http://facultydiversity.ucsd.edu/recruitment/contributions-to-diversity.html> site for more information.
- Statement of Teaching
- Teaching Evaluations (Optional)
- Misc / Additional (Optional)
- COVID-19 Impact Statement - We understand that the COVID-19 pandemic may have had a substantial impact on academic productivity. In our academic hiring processes, we will be keeping this in mind as we consider achievement relative to opportunity. We encourage you to reflect on constraints on opportunity in your field that were caused by the events of the pandemic and where applicable, to discuss your achievements in this light. (Optional)
- Authorization to Release Form - Applicants must complete, sign and upload this form. See Institutional Reference Check (https://aps.ucsd.edu/recruitment/background_check/) for more information.

Reference requirements

- 3-5 required (contact information only)

Additional information is available online at <https://apptrkr.com/3648473>



Assistant Professor - Data Science and Public Policy (HDSI/GPS)

University of California San Diego

Application Window

Open date: October 19, 2022

Next review date: Sunday, Nov 20, 2022 at 11:59pm (Pacific Time)

Apply by this date to ensure full consideration by the committee.

Last review date: Friday, Feb 4, 2022 at 11:59pm (Pacific Time)

Applications received after this date will be reviewed by the search committee if the position has not yet been filled.

Final date: Friday, Jun 30, 2023 at 11:59pm (Pacific Time)

Applications will continue to be accepted until this date, but those received after the review date will only be considered if the position has not yet been filled.

Position description

The University of California, San Diego invites applications for a tenure-track faculty position in Data Science and Public Policy (primary appointment at the Halicioglu Data Science Institute with joint appointment in the School of Global Policy and Strategy). The appointment will be at the Assistant Professor level, and we welcome applications from advanced assistant professors.

Economics, Political Science, and Public Policy are all seeing rapid advancement in the ability to understand human behavior in new ways through the use of data. We seek faculty applicants who are experts in data science, economics, political science, or public policy. Faculty candidates should demonstrate interest and contributions in both: (1) an aspect of data science vital to the design or implementation of public policy, including machine learning, artificial intelligence, natural language processing, network analysis, data privacy and security, or algorithmic fairness; and (2) a policy domain of long-term priority, including public health, public infrastructure (e.g., transportation, housing, smart cities), movement and settlement of peoples (e.g., migration, refugees, border issues), fairness and discrimination (e.g., in employment, housing, or criminal justice), international trade and finance, climate and energy policy, or defense and security policy.

The successful appointee will be expected to teach graduate and undergraduate students at HDSI and GPS, with teaching load for each unit commensurate with the appointment. Candidates are expected to establish a vigorous program of high-quality research that focuses on innovations in Data Science and Public Policy.

Qualifications

Basic qualifications (required at time of application)

PhD or Advancement to Candidacy in Data Science, Computer Science, Political Science, Economics, Public Policy, or related discipline, at time of application.

Preferred qualifications

We seek applicants with an outstanding track record of research accomplishments, excellence in teaching, service, and a commitment to support diversity, equity and inclusion at the university.

Application Requirements

Document requirements

- Cover Letter
- Curriculum Vitae - Your most recently updated CV.
- Statement of Research
- Statement of Teaching
- Statement of Contributions to Diversity - Applicants should summarize their past or potential contributions to diversity. See our <http://facultydiversity.ucsd.edu/recruitment/contributions-to-diversity.html> site for more information.
- Teaching Evaluations (Optional)
- Misc / Additional (Optional)

Reference requirements

- 3-5 letters of reference required

Apply link: <https://apptrkr.com/3575297>

Help contact: bhewitt@ucsd.edu

Campus Information

The University of California, San Diego is an Equal Opportunity/Affirmative Action Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, covered veteran status, or other protected categories covered by the UC nondiscrimination policy.

As a condition of employment, you will be required to comply with the University of California on Vaccination Programs. All Covered Individuals under the policy must provide proof of Full Vaccination or, if applicable, submit a request for Exception (based on Medical Exemption, Disability, and/or Religious Objection) or Deferral (based on pregnancy) no later than the applicable deadline. Please refer to Appendix F, Section II.C. of the policy for the deadlines applicable to new University of California employees. (Capitalized terms in this paragraph are defined in the policy.) Federal, state, or local public health directives may impose additional requirements.

The University of California prohibits <https://smokefree.ucsd.edu/> use at all University controlled properties.

The UC San Diego Annual Security & Fire Safety Report is available online at: <https://www.police.ucsd.edu/docs/annualclery.pdf>. This report provides crime and fire statistics, as well as institutional policy statement & procedures. Contact the UC San Diego Police Department at (858) 534-4361 if you want to obtain paper copies of this report.

Job location San Diego

To apply, please visit: <https://apptrkr.com/3575297>

UC San Diego is an Equal Opportunity/Affirmative Action Employer with a strong institutional commitment to excellence through diversity.

Diego Supercomputer Center (SDSC), and the Center for Wireless Communications (CWC), which provide unique opportunities and resources. More information can be found at <http://www.cse.ucsd.edu>.

We encourage candidates to send applications as soon as possible. Review of applications will commence on January 1, 2023 and continue until positions are filled.

For more information and to apply, applications must be submitted through the University of California San Diego's Academic Personnel RECRUIT System:

Assistant Professor: <https://apol-recruit.ucsd.edu/JPF03415>

Associate or Full Professor: <https://apol-recruit.ucsd.edu/JPF03422>

This year CSE is conducting two parallel searches across all areas for ladder-rank faculty positions. While there are some differences in evaluation criteria, we encourage applicants to apply to both searches.

University of California - San Diego

Assistant, Associate, or Full Professor - CSE (Search 2)

The UC San Diego Department of Computer Science and Engineering (CSE) invites applications for multiple tenure-track faculty positions at the Assistant Professor or tenured faculty positions at the Associate, or Full Professor rank. The department is looking for exceptional candidates in all areas of Computer Science and Engineering.

We are looking for applicants with outstanding research credentials. Successful applicants are expected to lead a vigorous research program and will be required to teach university students. We are particularly seeking faculty passionate about working with graduate students and training the next generation of researchers.

For the Assistant Professor, applicants must have a Ph.D. or advancement to candidacy in Computer Science & Engineering or related disciplines is required at the time of application.

For the Associate or Full Professor, Applicants must have a Ph.D. in Computer Science & Engineering or a related discipline is required at the time of application.

Salary and rank will be commensurate with qualifications in conformance with University of California policies.

The CSE Department is committed to building an excellent, diverse, and inclusive faculty, staff and student body. In addition to the highest standards of scholarship, teaching, and professional activity, the successful candidate for this position will have potential or demonstrated contributions to a climate that supports equity, diversity, and inclusion. The application requires a Contribution to Diversity Statement that should highlight a well-articulated plan building on past experiences creating or contributing to programs that aim to increase access and success of underrepresented students and faculty in engineering.

For further information and guidance on preparing contributions to diversity



Computer Science Open Level Tenure-Track or Tenured Position

Job# JPF02296 - Computer Science / College of Engineering / UC Santa Barbara

POSITION OVERVIEW:

Position Titles:

Assistant Professor

Associate or Full Professor

Anticipated Start: 07/01/2023

APPLICATION WINDOW:

Open Date: October 17, 2022

Next Review Date: Thursday, Dec 15, 2022 at 11:59pm (Pacific Time) Apply by this date to ensure full consideration by the committee.

Final Date: Friday, Jun 30, 2023 at 11:59pm (Pacific Time) Applications will continue to be accepted until this date, but those received after the review date will only be considered if the position has not yet been filled.

POSITION DESCRIPTION:

In this search, we seek tenure-track or tenured faculty members in all areas of Computer Science. AI/ Machine Learning, Quantum Computing, Security and Privacy, and Database Systems are priority areas for the department. However, outstanding candidates in all areas will be considered. We seek faculty eager to build on our existing research collaborations in the Center for Responsible Machine Learning, the Center for Black Studies Research, the Center for Information Technology in Society, the Institute for Energy Efficiency, and well beyond, and to help us establish new partnerships and research programs bringing computation and computational tools to problems of societal importance. We seek motivated and passionate researchers eager to work with a community of their peers to address issues of societal importance through surprising and creative applications of computing. The department is especially interested in candidates who can contribute to the inclusive excellence of the academic community through research, teaching, and service as appropriate to the position. Successful candidates for faculty positions will demonstrate evidence of a commitment to equity and inclusion in their application materials, including the Diversity Statement. A primary appointment will be in the Department of Computer Science, but affiliate or joint appointments in any partner departments across engineering, social sciences, humanities, and/or physical sciences are strongly encouraged. The Department of Computer Science at UC Santa Barbara understands that computing intersects society in many complex ways but that by striving to be a place where every student, faculty, and staff can grow and thrive, we will position ourselves to be the best to take on these challenges together!

Applicants will be considered by an interdisciplinary group of faculty, and all applicants must have a demonstrated record of excellence in, or show exceptional promise for, high-quality research, teaching, and service to the community. Applicants with a demonstrated record of interest in, and commitment to, the mentorship of students from underrepresented and underserved populations will be given particular attention. Candidates will be offered the opportunity to satisfy a portion of their undergraduate teaching responsibilities through active mentoring and leadership in programs that provide research and professional development opportunities for our diverse student body (e.g., through the Los Ingenieros, UCSB Women in Computer Science, the Early Research Scholars Program, or the CBSR Student Engagement and Enrichment in Data Science Program).

Candidates will be considered for the endowed Stansbury Chair in Computer Science. Stansbury Chair appointments focus on attracting a leading-edge junior scientist and educator working in cutting-edge areas that help the University prepare our students and position the University for the future. The goal of the Stansbury Chair is to identify, recruit, and nurture a junior scholar that will emerge as one of the next generations of leaders and educators.

QUALIFICATIONS:

Basic Qualifications: (required at time of application)

In order to be considered, applicants should have completed all requirements for a PhD (or equivalent) in Computer Science or a related field, except the dissertation (or equivalent) at the time of application.

Additional Qualifications: (required at time of start)

PhD degree must be conferred by the time of appointment.

Preferred Qualifications:

Applicants who show outstanding research potential and have a strong commitment to teaching and diversity, PhD in Computer Science or related field at the time of application.

APPLICATION REQUIREMENTS BY LEVEL:

Position Title: Assistant Professor

Individuals should submit their application at this level if they meet one of the following conditions:

- Current or recent PhD candidate or graduate; current or recent postdoc; current assistant professor (including those who are "senior" assistant professors near tenure).

Please note that this level determination is only for application review purposes, not the ultimate appointment level of the finalist.

Reference Requirements:

3-5 letters of reference required. Reference letters will be assessed to determine research potential and commitment to teaching and diversity.

Position Title: Associate or Full Professor

Individuals should submit their application at this level if they meet one of the following conditions:

- Current tenured professor; position equivalent to tenured professor or position (e.g. at an international university).

Please note that this level determination is only for application review purposes, not the ultimate appointment level of the finalist.

Reference Requirements:

3-5 required (contact information only). Reference letters will be requested from candidates on the long short list and the letters will be assessed to determine research potential and commitment to teaching and diversity.

Help Contact: coms-chair@ucsb.edu

For more information, and to apply, please visit: <https://apptkr.com/3554314>

CAMPUS INFORMATION: The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law.

JOB LOCATION: Santa Barbara, CA

Professional Opportunities

statements, see:

http://soeadm.ucsd.edu/ppi/academic_personnel/diversity/docs/C2D_Expectations.pdf
and <http://facultydiversity.ucsd.edu/recruitment/contributions-to-diversity.html>

CSE is home to over 70 faculty and 1,000 graduate students who span a range of research areas in computer science, computer engineering and bioinformatics. In addition, the department works closely with the Center for Networked Systems (CNS), the California Institute for Telecommunications and Information

Technology (CallT2), the Halicioglu Data Science Institute (HDSI), the Design Lab, the Contextual Robotics Institute (CRI), San Diego Supercomputer Center (SDSC), and the Center for Wireless Communications (CWC), which provide unique opportunities and resources. More information can be found at <http://www.cse.ucsd.edu>.

We encourage candidates to send applications as soon as possible. Review of applications will commence on January 1, 2023 and continue until positions are filled.

For more information and to apply, applications must be submitted through the University of California San Diego's Academic Personnel RECRUIT System:

Assistant Professor: <https://apol-recruit.ucsd.edu/JPF03420>

Associate or Full Professor: <https://apol-recruit.ucsd.edu/JPF03425>

This year CSE is conducting two parallel searches across all areas for ladder-rank faculty positions. While there are some differences in evaluation criteria, we encourage applicants to apply to both searches.



Computer Science and Engineering Assistant and Associate Professor: Storage Systems and Databases (Initial Review 1.3.23)
Job #: JPF01399
Computer Science and Engineering / Baskin Engineering / UC Santa Cruz

View this position online and apply now: <https://apptkr.com/3683322>

POSITION OVERVIEW
Position Title: Assistant and Associate Professor (Storage Systems and Databases)
Salary Range: Commensurate with qualifications and experience; academic year (nine-month basis)
Percent Time: Full-Time (100%)
Anticipated Start: July 1, 2023, with the academic year beginning in September 2023.
For the Assistant Professor rank, degree requirements must be met by June 30, 2024 for employment beyond that date.

APPLICATION WINDOW
Open Date: October 4, 2022
Next Review Date: Tuesday, Jan 3, 2023 at 11:59pm (Pacific Time)
Apply by this date to ensure full consideration by the committee.
Final Date: Friday, Jun 30, 2023 at 11:59pm (Pacific Time)
Applications will continue to be accepted until this date, but those received after the review date will only be considered if the position has not yet been filled.

POSITION DESCRIPTION
The Department of Computer Science and Engineering (<https://www.soe.ucsc.edu/departments/computer-science-and-engineering>) at the University of California, Santa Cruz (UCSC) invites applications for positions at the Assistant and Associate Professor levels. We seek to hire up to three candidates with a strong background in computer science and engineering, with a particular focus on storage systems and databases. We are especially interested in candidates who can collaborate within the department and across the university.
The Department of Computer Science and Engineering is part of the Baskin School of Engineering at UC Santa Cruz. Our school has nationally and internationally known researchers in many areas, including theoretical computer science, programming languages, security, distributed systems, storage systems, computer architectures, machine learning, natural language processing, vision, VLSI, and networking. The Baskin School of Engineering is home to six departments, contributing to the richness of its research. Nestled in a redwood forest above the city of Santa Cruz, our beautiful campus has a long history of embracing groundbreaking interdisciplinary work. Our campus is the nearest University of California campus to Silicon Valley and has close research ties with the local computer industry. Our proximity to Silicon Valley, and our satellite campus there, afford opportunities and avenues for collaboration with researchers working in the many research and development labs in Silicon Valley, as well as with the other San Francisco Bay Area universities.

UC Santa Cruz values Diversity, Equity, and Inclusion and is an EEO/AA/Net/Disability/Minority Employer.



Computer Science and Engineering Assistant and Associate Teaching Professors (initial review 1.9.23)
Job #: JPF01410
Computer Science and Engineering / Baskin Engineering / UC Santa Cruz

View this position online and apply: <https://apptkr.com/3677867>

POSITION OVERVIEW
Position Title: Computer Science and Engineering Assistant and Associate Teaching Professors
Salary Range: Commensurate with qualifications and experience; academic year (nine-month basis).
Percent Time: Full-Time (100%)
Anticipated Start: July 1, 2023, with the academic year beginning in September 2023.
All degree requirements must be met by June 30, 2024 for employment beyond that date.

APPLICATION WINDOW
Open Date: November 2, 2022
Next Review Date: Monday, Jan 9, 2023 at 11:59pm (Pacific Time)
Apply by this date to ensure full consideration by the committee.
Final Date: Friday, Jun 30, 2023 at 11:59pm (Pacific Time)
Applications will continue to be accepted until this date, but those received after the review date will only be considered if the position has not yet been filled.

POSITION DESCRIPTION
The Department of Computer Science and Engineering (<https://engineering.ucsc.edu/departments/computer-science-and-engineering>) at the **University of California, Santa Cruz (UCSC)**, invites applications for multiple **Assistant and Associate Teaching Professor positions**.
The successful candidates will develop and teach courses within the undergraduate and graduate curricula with a focus in one or more of the following fields: Programming, Software Engineering, Computer Systems, Operating Systems, Hardware, Computer Architectures, and Machine Learning. Selected candidates will develop programs of academic scholarship in either or both engineering pedagogy and their technical areas of specialty.
As educational leaders in one of the largest Computer Science programs in the US, selected candidates will become leaders of curriculum and pedagogical development in the department and the school, and will be well poised to impact CS pedagogy at a national level.

UC Santa Cruz values Diversity, Equity, and Inclusion and is an EEO/AA/Net/Disability/Minority Employer.

University of California - San Diego

Postdoctoral fellowship - The Institute for Emerging CORE Methods in Data Science (EnCORE)

Multiple postdoctoral fellowship opportunities are available with The Institute for Emerging CORE Methods in Data Science (EnCORE), a TRIPODS Phase II institute funded by the National Science Foundation. The EnCORE Institute is a collaboration of researchers between UC San Diego, UCLA, UT Austin and Penn. The postdoctoral fellow will have options to be in one or more of these universities and collaborate with EnCORE PIs across disciplines of theoretical computer science and engineering, mathematics, statistics, and applications to domain sciences. For more information on existing EnCORE team members and the areas of research interest, please see <https://tripods.ucsd.edu/>

Postdoctoral team members will also have mentorship opportunities and are expected to participate and organize workshops, seminars and other activities of the EnCORE Institute. The fellowship is a one-year full-time appointment, with the possibility of renewal for a second year. The first cohort of ENCORE postdocs are expected to start summer or fall of 2023, although the start date can be flexible.

The candidates are encouraged to work with multiple EnCORE faculty members at one or more participating universities. The applicants should have a strong background and a doctorate (by the start date) in a related field of Mathematics,

Statistics, Computer Science, or Electrical Engineering. We encourage applications from underrepresented minorities in STEM.

All application materials including letters of recommendation should be submitted by December 15 for full consideration, however the application website will remain open till the positions are filled.

To apply please visit: <https://academicjobsonline.org/ajo/jobs/23469>

University of California - San Diego

Postdoctoral fellowship - The Institute for Emerging CORE Methods in Data Science (EnCORE)

Multiple postdoctoral fellowship opportunities are available with The Institute for Emerging CORE Methods in Data Science (EnCORE), a TRIPODS Phase II institute funded by the National Science Foundation. The EnCORE Institute is a collaboration of researchers between UC San Diego, UCLA, UT Austin and Penn. The postdoctoral fellow will have options to be in one or more of these universities and collaborate with EnCORE PIs across disciplines of theoretical computer science and engineering, mathematics, statistics, and applications to domain sciences. For more information on existing EnCORE team members and the areas of research interest, please see <https://encore.ucsd.edu/>

Postdoctoral team members will also have mentorship opportunities and are expected to participate and organize

workshops, seminars and other activities of the EnCORE Institute. The fellowship is a one-year full-time appointment, with the possibility of renewal for a second year. The first cohort of ENCORE postdocs are expected to start summer or fall of 2023, although the start date can be flexible.

The candidates are encouraged to work with multiple EnCORE faculty members at one or more participating universities. The applicants should have a strong background and a doctorate (by the start date) in a related field of Mathematics, Statistics, Computer Science, or Electrical Engineering. We encourage applications from underrepresented minorities in STEM.

All application materials including letters of recommendation should be submitted by December 15 for full consideration, however the application website will remain open till the positions are filled.

To apply please visit: <https://academicjobsonline.org/ajo/jobs/23469>

University of Central Arkansas

Assistant Professors of Cybersecurity

The Department of Computer Science and Engineering at the University of Central Arkansas is seeking candidates for two tenure-track Assistant Professors in Cybersecurity, Cybersecurity Engineering, or Cyber Engineering beginning in January or August 2023. Currently, the department has 13 full-time faculty members and offers BS programs in Computer Science (accredited by the ABET CAC), Computer Engineering, Cybersecurity, and Data

Science, as well as an MS program in Computer Science.

A doctorate in Computer Science, Computer Engineering, Electrical Engineering, or a related discipline with a focus on Cybersecurity, Cybersecurity Engineering, or Cyber Engineering is required by the start date of the position, but candidates nearing completion will also be considered. Candidates who can collaborate with department faculty are particularly encouraged to apply. The successful candidate will teach in our student-centered undergraduate and graduate programs as well as engage in research and professional service.

Applicants should submit a cover letter, a curriculum vitae, statements of teaching and research, unofficial transcripts, and contact information for at least three references via <http://jobs.uca.edu/postings/11725>.

The review of applications will begin on October 31, 2022, and will continue until the positions are filled.

For questions, contact the department chair at ecelebi@uca.edu.

Additional information about the department is available at <https://uca.edu/cse>.

UCA is an EO/AA Employer.

University of Central Florida

Assistant Professor or Associate Professor, Cyber Security and Privacy Areas Computer Science or Mathematics

The Department of Computer Science (CS) and the Department of Mathematics (Math) at the University of Central Florida (UCF) are seeking three full-time, 9-month faculty positions at the rank of assistant professor (tenure-earning), associate professor or professor (tenured) in the area of cyber security and privacy, with concentrations in one of the areas described below. The anticipated start date is August 8, 2023.

- Area A (Math): Cryptography, applied cryptography, and intersection of algorithm and cryptography (e.g., quantum cryptography, post-quantum crypto, etc.). One faculty position is anticipated for this area.
- Area B (Computer Science): Cloud, Edge, and IoT security (e.g., serverless computing, container security, etc.), system software, software supply chain security, and the security of Cyber Physical System, etc. Two faculty positions are anticipated for this area.

These positions will be expected to strengthen both the tenure home department (Math or CS, as applicable), as well as the Cyber Security and Privacy Cluster and may include a combination of secondary joint appointments. The ideal candidates will be in the rank of assistant professor, but exceptional candidates at the rank of associate professor or professor will be considered. The ideal

candidates will have a strong background in the areas listed.

UCF requires all applications and supporting documents to be submitted electronically through the Human Resources employment opportunities website, <https://www.ucf.edu/jobs/>.

University of Central Florida

Multiple Positions for Assistant, Associate or Full Professor, Artificial Intelligence Initiative

The Artificial Intelligence Initiative (Aii) at the University of Central Florida (UCF) is accepting applications from strong candidates for multiple 9-month, full-time faculty positions at the rank of assistant professor (tenure-earning) and associate professor or professor (tenured) in core areas of AI and their applications including: Computer Vision, Natural Language Processing, Robotics, Machine Learning, Data Analytics, FinTech, Smart Cities, Connected and Automated Vehicles, Cyber Security, Mathematical Aspects of Deep Learning, Theory of AI and Data Science, Brian-Inspired Ai, Biomedical Applications, Smart Materials, Smart Mobility, Genomics and Computational Biology, as well as Innovative Computing domains including but not limited to Optical Computing, Neuromorphic Computing and AI in Next generation of Wireless Communication Systems.

Aii is a multi-college initiative at UCF involving the Colleges of Engineering and Computer Science, Sciences,

Medicine, Business, and Optics and Photonics. Candidates with publications in the most selective conferences and journals are strongly encouraged to apply. We anticipate that close to thirty new AI faculty members will be hired, with qualified candidates tenured in corresponding colleges.

UCF is one of the nation's largest universities with a diverse student body of more than 70,000 students. UCF is an economic engine, attracting and supporting industries vital to the region's future while providing students with real-world experiences that help them succeed after graduation.

Minimum Qualifications:

A Ph.D., M.D., or equivalent degree from an accredited institution in an area appropriate to this position at the time of the appointment.

Preferred Qualifications:

- Highly recognized contributions and leadership in the area(s) of expertise.
- Demonstrated strong research publication record in the most selective conferences and journals.
- Effective teaching skills, and ability to effectively communicate with students.
- High potential to initiate and obtain funding.

To apply, refer to <https://www.ucf.edu/jobs/> and search for job announcement R102905. In addition to the online application, interested candidates should upload a cover letter, a current curriculum vitae, and a list with contact information for three (3) professional references.

For more information, contact Linda Lockey, Administrative Support, at Linda.Lockey@ucf.edu

Equal Employment Opportunity Statement

The University of Central Florida is an equal opportunity/affirmative action employer. All qualified applicants will receive consideration for employment without regard to sex, gender identity, sexual orientation, race, color, religion, national origin, disability, protected Veteran status, age, or any other characteristic protected by law. UCF's Equal Opportunity Statement can be viewed at: <http://www.oie.ucf.edu/documents/PresidentsStatement.pdf>. As a Florida public university, UCF makes all application materials and selection procedures available to the public upon request. The UCF's affirmative action plans for qualified individuals with disabilities and protected Veterans are available for inspection in the Office for Institutional Equity, Monday through Friday, from 9:00 a.m. to 5:00 p.m., upon request.

University of Central Florida

Associate Professor or Professor, Finance

The Department of Finance at the University of Central Florida seeks to fill an associate or professor position. The successful candidate is expected to provide senior leadership in the Department's new Master of Science in FinTech program. It is the first program of its kind developed in partnership and offered by the College of Business Administration and the College of

Engineering and Computer Science. The program combines finance and computer science courses to prepare graduates to succeed in the emerging Financial Technology industry. This is a nine-month, tenured position to start on August 8, 2023 (fall 2023 semester).

Minimum Qualifications:

Ph.D.in Computer Science, MIS, Finance, or a related field from an accredited institution.

To be eligible for appointment as a tenured associate professor or professor upon hire, the selected candidate must have a demonstrated record teaching, research, and service commensurate with a tenured faculty appointment at the rank of associate professor or professor.

Preferred Qualifications:

There is a preference for candidates with an established record of graduate teaching experience in FinTech related courses such as Blockchains and Smart Distributed Contracts, Full Stack Development, and Artificial Intelligence.

An established record of research and peer-reviewed publications, preferably in FinTech-related fields.

Additional Application Materials Required:

UCF requires all applications and supporting documents to be submitted electronically through the Human Resources website:

https://ucf.wd1.myworkdayjobs.com/careers/job/Orlando-FL-Main-Campus/Associate-Professor-or-Professor--Finance_R102288-2

University of Chicago

Data Science Institute-Data Science Preceptorship

The University of Chicago's Data Science Institute, in partnership with the City Colleges of Chicago (CCC), invites applications for the position of University of Chicago (UChicago) Data Science Preceptorship. The UChicago and CCC Preceptorship program will develop the next generation of teaching positions for data science, engineering, and computer science education. This unique program emphasizes STEM pedagogical best practices and allows the Preceptors to broaden their classroom skills and enhance their teaching and scholarship portfolios with the support of UChicago and CCC faculty mentorship.

EOE/Vet/Disability

Applications must be submitted online through: apply.interfolio.com/116353.

Review of applications will begin on December 1, 2022, and will continue until all available positions are filled.

University of Chicago

Instructional Professor (open rank) in Data Science

The Data Science Institute at the University of Chicago invites applications from Data Science educators for the position of Instructional Professor (open rank). The selected candidate will be appointed as Assistant Instructional Professor, Associate Instructional Professor, or Instructional Professor, depending on qualifications.

The appointment will be for a term of up to five years, renewable. This is a career-track position with potential progression, competitive salary, and benefits.

Applications must be submitted online through the University of Chicago's Academic Jobs website: <http://apply.interfolio.com/119068>.

The University of Chicago is an Affirmative Action/Equal Opportunity/Disabled/Veterans Employer and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity, national or ethnic origin, age, status as an individual with a disability, protected veteran status, genetic information, or other protected classes under the law. For additional information please see the University's Notice of Nondiscrimination.

EOE/Vet/Disability

University of Chicago

LEAP Alliance Senior Program Manager

The LEAP Alliance, funded by an NSF BPC Alliance grant, has an open search for a Senior Program Manager to work with the project PI and co-PI to lead efforts of engagement and strategies for increasing diversity in CS doctoral programs and retention of diverse students in CS undergraduate programs via collaborations with the LEAP institution advocates. This position will effectively serve as the Director of Academic Programs for the Center for Minorities and People with Disabilities in IT (CMD-IT). Preferred qualifications include a PhD in computer science education or related area.

We invite applicants to apply via the following link: https://uchicago.wd5.myworkdayjobs.com/External/Job/Chicago-IL/Senior-Program-Manager_JR18851

For questions, please contact Valerie Taylor, vtaylor2@uchicago.edu

University of Chicago

Data Science Institute Postdoctoral Scholars

The *Data Science Institute* at the University of Chicago invites applications to its Postdoctoral Scholars who wish to advance cutting-edge data science approaches, methods, and applications in research. Drawing on the University of Chicago's top-ranked programs, world-renowned faculty, as well as a vibrant and quickly expanding data science ecosystem, this program will allow postdoctoral scholars to engage in field-defining data science and artificial intelligence research. Our positions carry a competitive salary, generous research funding stipends, and benefits.

Interested applicants should [apply online here](#). Review of applications will begin on January 9, 2023 and will continue until all positions are filled. Please [visit our website](#) to learn more and apply.

EOE/Vet/Disability

University of Cincinnati

Assistant/Associate/Full Professor, Educator or Practice

Job Overview

The talented students of the University of Cincinnati are enrolling in The Department

of Computer Science (CS) of the College of Engineering and Applied Science (CEAS) at unprecedented rates. Graduate and undergraduate students alike recognize the possibility that an education in the field will catapult them to post-graduation positions where they can change the world for the better. The department invites applicants for non-tenure track positions as a Professor Educator or Professor of Practice of Computer Science who want to guide these students in their academic growth. The anticipated start date is August 15, 2023. The positions are 9-month full-time appointments, paid over 12 months with full University faculty benefits. The appointment will be made within the Professor Educator or Professor of Practice track with salary and rank commensurate with credentials.

Apply Here: <https://jobs.uc.edu/job-invite/91461/>

University of Cincinnati

Assistant Professor-Educator

The School of Information Technology (SoIT) at the University of Cincinnati (UC) seeks to hire an Assistant Professor-Educator to teach courses in the areas of Data Technologies, Cybersecurity, Networking/Systems, Game Development, Database Management, and/or Software Application Development as they relate to Information Technology.

For full job description and details on how to apply online, please visit <https://jobs.uc.edu> and search keyword: 88618.

University of Connecticut

Multiple Faculty Positions at all ranks

The Computer Science & Engineering (CSE) Department at the University of Connecticut invites applications for four (4) tenured/tenure-track faculty positions and four (4) non-tenure track positions at the Storrs and Stamford campuses. These positions seek to advance research and education in the vast field of computing within the CSE Department and the University, and strong candidates in all areas of computer science and engineering are encouraged to apply.

Please visit <https://www.cse.uconn.edu/about/job-opportunities/faculty-positions/> to learn more and apply.

University of Dayton

Tenure-track Assistant Professor or Faculty of Practice

The Department of Computer Science at the University of Dayton invites applications for multiple tenure track positions at the assistant professor rank and a faculty of practice position to start August 16, 2023. The successful candidates will work with a diverse faculty in the Department, engaging in highly impactful computer science teaching and research. The Department offers a stimulating academic environment with active research programs with ten cutting-edge research labs in growing areas of computer science.

For a complete job description, list of qualifications and to apply, please go to:

- <https://employment.udayton.edu/cw/en-us/job/500438>, for the tenure-track positions (Application Deadline 01/08/2023);
- <https://employment.udayton.edu/cw/en-us/job/500495>, for the faculty of practice position (Application Deadline 01/22/2023).

The University of Dayton is a top tier, Catholic Research University with offerings from the undergraduate to the doctoral levels. Founded in 1850 by the Society of Mary, the University is a diverse community committed to advancing the common good through intellectual curiosity, academic rigor, community engagement and local, national and global partnerships. Guided by the Marianist educational philosophy, we educate the whole person and link learning and scholarship with leadership and service.

Informed by its Catholic and Marianist mission, the University is committed to the principles of diversity, equity, and inclusion. Informed by this commitment, we seek to increase diversity, achieve equitable outcomes, and model inclusion across our campus community. As an Affirmative Action and Equal Opportunity Employer, we will not discriminate against minorities, women, protected veterans, individuals with disabilities, or on the basis of race, color, national origin, religion, sex, sexual orientation or gender identity.

The University is also pleased to provide support for spouses of prospective and newly hired faculty through its dual career program. While we cannot guarantee placement, we serve as an effective resource and support system for your

spouse. Information can be found at http://www.udayton.edu/hr/employee_resources/dual_career_resources.php

University of Dayton

Associate Professor or Professor & Department Chairperson - Computer Science

Are you looking for a university that will support your commitment to educating the next generation of computer scientists? Are you interested in bringing new experiential learning strategies into the classroom? Are you committed to growing participation of women and under-represented minorities in computer science? If so, the University of Dayton has an exciting opportunity for you!

We seek a collaborative and strategic academic leader to serve as chairperson of the Department of Computer Science in the College of Arts and Sciences beginning July 1, 2023. The chairperson will be hired with tenure and at the rank of Associate Professor or Professor. The chairperson is responsible for administrative, curricular, co-curricular and budgetary facets of the department, plays a unique role engaging students and faculty, and facilitates building and sustaining partnerships across the University and in the broader community. The Chair will have an opportunity to lead one of the university's fastest growing academic programs and a vibrant and respected department in elevating its research profile and extramurally funded research, expanding a new PhD program, mentoring a young and growing faculty, and building collaborative

partnerships on campus and in industry. The Computer Science program, which was founded in 1961, was one of the first undergraduate programs in computer science in the United States and recently moved into an exciting new educational facility (state of the art facility). For more about the department go to: <https://udayton.edu/artssciences/academics/computerscience/index.php>

The University of Dayton recently completed a strategic visioning process, whereby it strives to be a university that advances the common good. See udayton.edu/vision. At the University of Dayton, we value our inclusive climate because we see it as a theological imperative grounded in our Catholic and Marianist mission. We know that diversity in experiences and perspectives is vital to an education that fosters respect for all peoples' dignity, as well as advancing innovation, critical thinking, solving complex problems, and creating an inclusive academic community. We encourage and welcome all candidates to apply.

Dayton was named as #5 in the nation on Business Facilities' 2021 Metro Rankings report and offers the lowest housing costs among Ohio's other largest metros: Cleveland, Cincinnati, and Columbus. With a burgeoning downtown area, 20 expansive metroparks, a bike-(and now scooter!) share program, several historic neighborhoods, and of course, the Dayton Aviation Heritage and National Historical Park, this is a great place for those who want a bit of everything with a low cost of living, great schools, and manageable traffic. For more about the Dayton areas go to: daytoncvb.com

Minimum Qualifications

- Ph.D. in Computer Science
- Administrative experience in higher education in the United States
- Record of leadership accomplishments in higher education
- Demonstrated record of quality teaching.
- A substantial research record
- Articulated commitment to breadth of education including educating the whole person in the Marianist tradition to support inclusive excellence and the principles of diversity, equity, and inclusion
- Excellent written communication skills

Appointment at the rank of professor includes the above qualifications and requires a record of teaching, research and service commensurate with the criteria for the rank of professor in the College of Arts and Science at the University of Dayton

Preferred Qualifications

While not everyone may meet all preferred qualifications, the ideal candidate will bring many of the following:

- Record of successful leadership accomplishments in a PhD granting Computer Science Department in the United States
- Successful experience in one or more of the following:
- Managing program assessment and accreditation
- Collaboratively establishing and implementing strategic priorities

- Recruiting, mentoring, and retaining diverse students, faculty and staff
- Mentoring faculty through tenure and promotion
- Curricular, co-curricular, and pedagogical innovation and initiatives advancing diversity, equity, and inclusion
- Interdisciplinary engagement
- Cultivating and maintaining strong internal interdisciplinary collaborations
- Collaborating with students and other constituents within the department and across campus, e.g. faculty, staff, administration, or in a professional setting
- Mentoring faculty in applying for research funding
- Managing a budget
- Fostering undergraduate and/or graduate research
- Effective interpersonal communication skills
- Effective oral communication skills
- Effective classroom management skills

Application Process

Applicants must submit:

- A cover letter that describes their leadership experience and how their record meets each of the minimum qualifications and any of the applicable preferred qualifications met
- A curriculum vitae that includes a detailed record of research and service
- Evidence of teaching effectiveness (scanned into one document for upload)

- A statement that includes the candidate's vision for:
 - » leadership;
 - » fostering undergraduate research;
 - » recruiting to grow and retain the enrollment in the department.
- In addition, please also submit a one-page statement of support of UD's commitment to inclusive excellence and to the principles of diversity, equity and inclusion.
- Contact information for three professional references. References will not be contacted without candidate consent.

Applications must be submitted to:
<https://employment.udayton.edu/cw/en-us/job/500620/associate-professor-or-professor-department-chairperson-1-position>

Applications must be received by 11:55 PM EST on February 5, 2023

The University of Dayton is a top tier, Catholic Research University with offerings from the undergraduate to the doctoral levels. Founded in 1850 by the Society of Mary, the University is a diverse community committed to advancing the common good through intellectual curiosity, academic rigor, community engagement and local, national and global partnerships. Guided by the Marianist educational philosophy, we educate the whole person and link learning and scholarship with leadership and service. Informed by its Catholic and Marianist mission, the University is committed to the principles of diversity, equity, and inclusion. Informed by this commitment, we seek to increase diversity,

achieve equitable outcomes, and model inclusion across our campus community. As an Affirmative Action and Equal Opportunity Employer, we will not discriminate against minorities, women, protected veterans, individuals with disabilities, or on the basis of race, color, national origin, religion, sex, sexual orientation or gender identity.

The University is also pleased to provide support for spouses of prospective and newly hired faculty through its dual career program. While we cannot guarantee placement, we serve as an effective resource and support system for your spouse. Information can be found at http://www.udayton.edu/hr/employee_resources/dual_career_resources.php.

University of Delaware

*Tenure Track Faculty Position,
Computational Biomedicine*

Applications are invited for an open-rank cross-disciplinary tenure-track faculty position in computational biomedicine in the College of Engineering at the University of Delaware. The position will have a primary appointment in the Computer and Information Sciences (CIS) Department and a secondary appointment in either the Biomedical Engineering (BME) Department or the Electrical and Computer Engineering (ECE) Department, depending on candidate research interests. Areas of high interest include but are not limited to AI, machine learning, computer vision, scientific and high-performance computing, complex network science, and algorithms with applications to computational medicine,

biomedical data science and imaging, and disease modeling. Outstanding candidates in all areas will also be considered. Applicants should hold a Ph.D. or its equivalent in related areas. We encourage all ambitious, innovative individuals, who have demonstrated excellence in research and drive to become leaders in their fields while engaging in high-quality teaching and mentoring of diverse students, to apply.

Please visit <https://careers.udel.edu/cw/en-us/job/499307/tenure-track-faculty-position-computational-biomedicine> to apply.

Review of applications will begin on November 15, 2022 and continue until the positions are filled.

careers.udel.edu - job number 499307

University of Delaware

College of Engineering

Cross-disciplinary Open-Rank Tenure Track Position

Applications are invited for an open-rank cross-disciplinary tenure-track faculty position in computational materials science (Job no: 499305) in the College of Engineering at the University of Delaware. The position will have a primary appointment in the Computer and Information Sciences (CIS) Department and a secondary appointment in Material Science and Engineering (MSEG) Department. Areas of high interest include but are not limited to AI, machine learning, computer vision, scientific and high-performance computing, complex network

science, and algorithms with applications to computational materials design and materials genome, data driven materials modeling and discovery, and materials informatics. Outstanding candidates in all areas will also be considered. Applicants should hold a Ph.D. or its equivalent in related areas. We encourage all ambitious, innovative individuals, who have demonstrated excellence in research and drive to become leaders in their fields while engaging in high-quality teaching and mentoring of diverse students, to apply.

Please visit <https://careers.udel.edu/en-us/job/499305/tenure-track-open-rank-faculty-position-computational-materials-science> to apply.

Review of applications will begin on November 15, 2022 and continue until the position is filled.

[Careers.udel.edu](https://careers.udel.edu) - Job Number 499305

University of Delaware

Department of Computer and Information Sciences

Open-Rank Tenure-track Faculty Position

Applications are invited for an open-rank tenure-track faculty positions in computational biology and bioinformatics (Job no: 499255). Outstanding candidates in all areas of computer science will be considered. Applicants should hold a Ph.D. or its equivalent in relevant areas. We encourage all ambitious, innovative individuals, who have demonstrated excellence in research and drive to become leaders in their fields while engaging in high-quality teaching and

mentoring of diverse students, to apply. New faculty will have ample opportunities to join the many university initiatives such as the Data Science Institute, Artificial Intelligence Center of Excellence, and those supported by Delaware Biotechnology Institute, Center for Bioinformatics & Computational Biology, and Health Sciences at the 272-acre STAR campus. The Department currently has 26 tenure-track, 7 teaching, and 7 research faculty members, about 130 graduate students and 630 undergraduate students. The University is a Land-Grant, Sea-Grant, and Space-Grant institution, and its beautiful 100-acre central campus is located halfway between Washington, DC and New York City, and about one hour away from Baltimore and Philadelphia.

Please visit <https://careers.udel.edu/en-us/job/499255/open-rank-tenure-track-faculty-position-computer-and-information-sciences> to apply.

Review of applications will begin on November 15, 2022.

[Careers.udel.edu](https://careers.udel.edu) - Job 499255

University of Denver

Tenure-Track Faculty Computer Science

The Department of Computer Science at the University of Denver is building an academically and culturally diverse faculty and staff who teach and work in a supportive environment with a strong commitment to Diversity, Equity, and Inclusion. We invite applications for tenure-track faculty positions at the rank of Assistant Professor in

Computer Science, with particular interest in applicants who have strengths in algorithms, artificial intelligence, biomedical applications, computational geometry, computer science education, computer security, embedded systems and field robotics, energy research, games, human-computer interaction, human-robot interaction, privacy, programming languages, robotics, and software engineering.

Candidates must apply online through jobs.du.edu to be considered.

Only applications submitted online will be accepted.

University of Georgia

Director, School of Computing

The University of Georgia (UGA) invites applications and nominations for the position of **Director of the School of Computing (SoC)**. This is an exceptional opportunity to serve as the first permanent Director of UGA's newest School. Approved by President Jere W. Morehead in July 2022, the School is a joint venture between UGA's Franklin College of Arts and Sciences and the College of Engineering. The SoC enrolls almost 1500 undergraduate majors and another 235 graduate students and is home to 35 full-time faculty who carry out research in computer science, cybersecurity, machine learning, computer vision, and a host of related areas. The Director of the SoC will work collaboratively with the Dean of Arts and Sciences and the Dean of Engineering to support the School and will report to the Deans. For further information about the SoC, consult <https://computing.uga.edu>.

The University seeks candidates who are innovative and accomplished leaders in computer science and related areas, who can articulate a compelling vision for the future of computing at a major public research university, and who have a demonstrated commitment to enhancing diversity and is dedicated to furthering an accessible and inclusive campus environment.

Required Qualifications:

- An earned doctorate in computer science, or a related field;
- An excellent and sustained record of scholarly accomplishment, as evidenced through peer-reviewed publications and related contributions, that would merit appointment as a tenured Professor at the University of Georgia;
- To be eligible for tenure upon appointment, candidates must have been tenured at a prior institution and bring a demonstrably national reputation to UGA. Candidates must be approved for tenure upon appointment before hire. For more information regarding the rank and tenure on appointment, please see the [UGA Guidelines for Appointment, Promotion and Tenure](#).

Candidates are encouraged to submit materials by Friday, January 27, 2023. Please see the full job posting at: <https://www.ugajobsearch.com/postings/291262>. For additional information, contact Christopher Steele with the UGA Search Group at 706-977-9214 or Christopher.Steele@uga.edu.

EOE/AA/Veteran/Disability Institution

University of Georgia

Assistant/Associate Professor Position in Computer Science

The School of Computing at the University of Georgia invites applications for a tenure-track Assistant/Associate Professor position starting August 2023.

Applicants should hold a Ph.D. in Computer Science or a related field at the time of appointment. We especially seek candidates specializing in one of the following areas of research: Web Security and Privacy, Computational Science and High-Performance Computing, Machine Learning and Data Science, Graphics and Visualization, Human Computer Interactions (HCI). The ideal candidate for this position will have a strong research record in one of the above areas and demonstrate commitment to excellence in both research and teaching.

The School of Computing (SoC) is a growing and congenial school of 34 faculty within the Franklin College of Arts and Sciences and the College of Engineering. The SoC has nearly 1,500 undergraduate students, and 235 graduate students, and offers the B.S., M.S., and Ph.D. degrees in Computer Science, B.S. and M.S. degrees in Data Science, and an M.S. degree in Cybersecurity and Privacy. The teaching load allows for substantial concentration on research. In addition to the areas in which we are recruiting, our faculty cover a broad range of research interests, including algorithms, artificial intelligence, bioinformatics, brain imaging and mapping, computer security, computational science and high-performance computing, computer vision, data privacy, distributed and real-

time systems, machine learning, parallel and distributed computing, robotics, simulation, and semantic web. Please see <https://computing.uga.edu/> for more information about the SoC and the university.

The University of Georgia (UGA), a land-grant and sea-grant university with statewide commitments and responsibilities, is the state's oldest, most comprehensive, and most diversified institution of higher education (<http://www.uga.edu>). UGA is currently ranked among the top 16 public universities in U.S. News & World Report.

UGA is making significant investments in Artificial Intelligence (AI) and Data Science to address some of society's most urgent challenges. To this end, UGA has established the Presidential Interdisciplinary Faculty Hiring Initiative in Data Science and AI, which aims to recruit 50 new faculty members over two years who will educate students and advance research in Data Science and AI, including both foundational research and applied research in cross-cutting areas such as cybersecurity, cyber-physical systems, infectious diseases, integrative precision agriculture, ethics, resilient communities, and the environment.

The SoC and UGA are committed to increasing the diversity of its faculty and students, and to sustaining a work and learning environment that is inclusive. Women, minorities, protected veterans, and individuals with disability are encouraged to apply. UGA is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment

without regard to race, color, religion, sex, national origin, ethnicity, age, genetic information, disability, gender identity, sexual orientation, or protected veteran status. Persons needing accommodations or assistance with the accessibility of materials related to this search are encouraged to contact Central HR (hrweb@uga.edu). Please do not contact the department or search committee with such requests.

To apply, please go to <https://www.ugajobsearch.com/postings/285646> and upload the following:

1. Cover letter
2. Curriculum vitae
3. Statement of research interests
4. Statement of teaching philosophy
5. A statement describing the candidate's commitment to diversity, equity, and inclusion as evidenced by scholarship, teaching, and/or service endeavors as well as the creation of an equitable and inclusive professional environment.
6. Provide names and emails for three references as part of the application.

All applications received by December 01, 2022, will receive full consideration.

University of Georgia

Assistant Professor Position in Applied Cryptography

The School of Computing at the University of Georgia invites applications for a tenure-track Assistant Professor position starting August 2023. Applicants should

hold a Ph.D. in Computer Science or related field at the time of appointment. The ideal candidate for this position will have a strong research background/record in Applied Cryptograph and show a commitment to excellence in both research and teaching. We especially seek candidates specializing in Computing and Learning over Encrypted Data, but we welcome applications addressing all facets of Applied Cryptography from qualified candidates.

The University of Georgia (UGA) is making significant investments in Artificial Intelligence (AI) and Data Science to address some of society's most urgent challenges. To this end, UGA has established the Presidential Interdisciplinary Faculty Hiring Initiative in Data Science and AI, which aims to recruit 50 new faculty members over two years who will educate students and advance research in Data Science and AI, including both foundational research and applied research in cross-cutting areas such as cybersecurity, cyber-physical systems, infectious diseases, integrative precision agriculture, ethics, resilient communities, and the environment.

Within UGA's broad initiative, the School of Computing, in collaboration with the Department of Mathematics and the UGA Institute for Cybersecurity and Privacy, has established a cluster hire initiative on Secure AI Systems that can support a variety of sensitive applications, including secure, privacy-preserving, and efficient learning for biomedical and biological applications. This cluster hire initiative aims to hire four new faculty members

over two years in the following areas of research: Computer Vision, High-Performance AI Systems, Cryptography (in the Department of Mathematics), and Applied Cryptography with applications to Machine Learning systems and algorithms (this position).

The School of Computing (SoC) is a growing and congenial school of 34 faculty within the Franklin College of Arts and Sciences and the College of Engineering. The SoC has nearly 1,500 undergraduate students, and 235 graduate students, and offers the B.S., M.S., and Ph.D. degrees in Computer Science, B.S. and MS degrees in Data Science, and an M.S. degree in Cybersecurity and Privacy. The teaching load allows for substantial concentration on research. In addition to the areas in which we are recruiting, our faculty cover a broad range of research interests, including algorithms, artificial intelligence, bioinformatics, brain imaging and mapping, computer security, computational science and high-performance computing, computer vision, data privacy, distributed and real-time systems, machine learning, parallel and distributed computing, robotics, simulation, and semantic web. Please see <https://computing.uga.edu/> for more information about the SoC and the university.

The University of Georgia (UGA), a land-grant and sea-grant university with statewide commitments and responsibilities, is the state's oldest, most comprehensive, and most diversified institution of higher education (<http://www.uga.edu>). UGA is currently ranked among the top 16 public universities in U.S. News & World Report.

The SoC and UGA are committed to increasing the diversity of its faculty and students, and to sustaining a work and learning environment that is inclusive. Women, minorities, protected veterans, and individuals with disability are encouraged to apply. UGA is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, ethnicity, age, genetic information, disability, gender identity, sexual orientation, or protected veteran status. Persons needing accommodations or assistance with the accessibility of materials related to this search are encouraged to contact Central HR (hrweb@uga.edu). Please do not contact the department or search committee with such requests.

To apply, please go to <https://www.ugajobsearch.com/postings/279983> and upload the following:

1. Cover letter
2. Curriculum vitae
3. Statement of research interests
4. Statement of teaching philosophy
5. A statement describing the candidate's commitment to diversity, equity, and inclusion as evidenced by scholarship, teaching, and/or service endeavors as well as the creation of an equitable and inclusive professional environment.
6. Provide names and emails for three references as part of the application.

All applications received by December 01, 2022, will receive full consideration.

University of Georgia

Assistant Professor Position in High-Performance AI Systems

The School of Computing at the University of Georgia invites applications for a tenure-track Assistant Professor position starting August 2023. Applicants should hold a Ph.D. in Computer Science or a related field at the time of appointment. The ideal candidate for this position will have a strong research record in High-Performance and/or Distributed Computing Systems and demonstrate commitment to excellence in both research and teaching. We especially seek candidates specializing in High-Performance and Distributed Computing Systems for AI and Machine Learning applications. However, we welcome applications addressing all facets of High-Performance Computing and Distributed Computing systems from qualified candidates.

The University of Georgia (UGA) is making significant investments in Artificial Intelligence (AI) and Data Science to address some of society's most urgent challenges. To this end, UGA has established the Presidential Interdisciplinary Faculty Hiring Initiative in Data Science and AI, which aims to recruit 50 new faculty members over two years who will educate students and advance research in Data Science and AI, including both foundational research and applied research in cross-cutting areas such as cybersecurity, cyber-physical systems, infectious diseases, integrative precision agriculture, ethics, resilient communities, and the environment.

Within UGA's broad initiative, the School of Computing, in collaboration with the Department of Mathematics and the UGA Institute for Cybersecurity and Privacy, has established a cluster hire initiative on Secure AI Systems that can support a variety of sensitive applications, including secure, privacy-preserving, and efficient learning for biomedical and biological applications. This cluster hire initiative aims to hire four new faculty members over two years in the following areas of research: Computer Vision, High-Performance AI Systems (this position), Cryptography, and Applied Cryptography with applications to Machine Learning.

The School of Computing (SoC) is a growing and congenial school of 34 faculty within the Franklin College of Arts and Sciences and the College of Engineering. The SoC has nearly 1,500 undergraduate students, and 235 graduate students, and offers the B.S., M.S., and Ph.D. degrees in Computer Science, B.S. and M.S. degrees in Data Science, and an M.S. degree in Cybersecurity and Privacy. The teaching load allows for substantial concentration on research. In addition to the areas in which we are recruiting, our faculty cover a broad range of research interests, including algorithms, artificial intelligence, bioinformatics, brain imaging and mapping, computer security, computational science and high-performance computing, computer vision, data privacy, distributed and real-time systems, machine learning, parallel and distributed computing, robotics, simulation, and semantic web. Please see <https://computing.uga.edu/> for more information about the SoC and the university.

The University of Georgia (UGA), a land-grant and sea-grant university with statewide commitments and responsibilities, is the state's oldest, most comprehensive, and most diversified institution of higher education (<http://www.uga.edu>). UGA is currently ranked among the top 16 public universities in U.S. News & World Report.

The SoC and UGA are committed to increasing the diversity of its faculty and students, and to sustaining a work and learning environment that is inclusive. Women, minorities, protected veterans, and individuals with disability are encouraged to apply. UGA is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, ethnicity, age, genetic information, disability, gender identity, sexual orientation, or protected veteran status. Persons needing accommodations or assistance with the accessibility of materials related to this search are encouraged to contact Central HR (hrweb@uga.edu). Please do not contact the department or search committee with such requests.

To apply, please go to <https://www.ugajobsearch.com/postings/279981> and upload the following:

1. Cover letter
2. Curriculum vitae
3. Statement of research interests
4. Statement of teaching philosophy
5. A statement describing the candidate's

commitment to diversity, equity, and inclusion as evidenced by scholarship, teaching, and/or service endeavors as well as the creation of an equitable and inclusive professional environment.

6. Provide names and emails for three references as part of the application.

All applications received by December 01, 2022, will receive full consideration.

University of Georgia

Open Rank Tenure-track Faculty Positions in Machine Learning

The School of Computing at the University of Georgia invites applications for two open rank tenure-track faculty positions at the Assistant, Associate, or Full Professor level. These positions will start on August 1, 2023. Candidates must be approved for tenure upon appointment before hire. Candidates considered for the associate or full professor rank must have qualifications and academic credentials that are commensurate with the promotion and tenure guidelines at the University of Georgia. These guidelines can be found at <https://provost.uga.edu/faculty-affairs/promotion-tenure/>

Applicants should hold a Ph.D. in Computer Science or a related field at the time of appointment. The ideal candidates for these two positions will have a strong research record in Machine Learning and demonstrate commitment to excellence in both research and teaching. We especially seek candidates specializing in Machine Learning with a focus on the Internet-of-Things and in the areas of Machine Learning with a focus on

embedded systems. However, we welcome applications addressing all facets of Machine Learning from qualified candidates.

The University of Georgia (UGA) is making significant investments in Artificial Intelligence (AI) and Data Science to address some of society's most urgent challenges. To this end, UGA has established the Presidential Interdisciplinary Faculty Hiring Initiative in Data Science and AI, which aims to recruit 50 new faculty members over two years who will educate students and advance research in Data Science and AI, including both foundational research and applied research in cross-cutting areas such as cybersecurity, cyber-physical systems, infectious diseases, integrative precision agriculture, ethics, resilient communities, and the environment.

Within UGA's broad initiative, the School of Computing, in collaboration with the other Schools in the College of Engineering at UGA, has identified a strong need for growth in the areas of Machine Learning with applications within the areas of Internet of Things and embedded systems.

The School of Computing (SoC) is a growing and congenial school of 34 faculty within the Franklin College of Arts and Sciences and the College of Engineering. The SoC has nearly 1,500 undergraduate students, and 235 graduate students, and offers the B.S., M.S., and Ph.D. degrees in Computer Science, B.S. and M.S. degrees in Data Science, and an M.S. degree in Cybersecurity and Privacy. The teaching load allows for substantial concentration on research. In addition to the areas in which we are recruiting, our faculty cover a broad range of research interests,

including algorithms, artificial intelligence, bioinformatics, brain imaging and mapping, computer security, computational science and high-performance computing, computer vision, data privacy, distributed and real-time systems, machine learning, parallel and distributed computing, robotics, simulation, and semantic web. Please see <https://computing.uga.edu/> for more information about the SoC and the university.

The University of Georgia (UGA), a land-grant and sea-grant university with statewide commitments and responsibilities, is the state's oldest, most comprehensive, and most diversified institution of higher education (<http://www.uga.edu>). UGA is currently ranked among the top 16 public universities in U.S. News & World Report.

The SoC and UGA are committed to increasing the diversity of its faculty and students, and to sustaining a work and learning environment that is inclusive. Women, minorities, protected veterans, and individuals with disability are encouraged to apply. UGA is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, ethnicity, age, genetic information, disability, gender identity, sexual orientation, or protected veteran status. Persons needing accommodations or assistance with the accessibility of materials related to this search are encouraged to contact Central HR (hrweb@uga.edu). Please do not contact the department or search committee with such requests.

To apply for Machine Learning with a focus on the Internet-of-Things, please go to <https://www.ugajobsearch.com/postings/285197>.

To apply for Machine Learning with a focus on embedded systems, please go to <https://www.ugajobsearch.com/postings/285196>.

Please upload the following:

1. Cover letter
2. Curriculum vitae
3. Statement of research interests
4. Statement of teaching philosophy
5. A statement describing the candidate's commitment to diversity, equity, and inclusion as evidenced by scholarship, teaching, and/or service endeavors as well as the creation of an equitable and inclusive professional environment.
6. Provide names and emails for three references as part of the application.

All applications received by December 01, 2022, will receive full consideration.

University of Illinois at Chicago

Tenure Track Faculty (Computer Science)

Position Summary

Located in the heart of Chicago, the UIC CS department anticipates hiring multiple tenure track faculty at all ranks starting from Fall 2023 (with preference to candidates at the Assistant and Associate Professor ranks). Candidates working in Computer Systems and Networks, Languages and Compilers, Software

Professional Opportunities

Engineering, Computer Graphics, Computer Security, Cryptography, Databases, and related areas are especially encouraged to apply. Outstanding candidates in all areas who could complement and enhance current department strengths will be considered. Candidates should have a PhD in Computer Science, Computer Engineering, or closely related fields, and the potential for excellence in teaching and research.

Applications must be submitted at <https://jobs.uic.edu/>, and must include a 1-page cover letter, curriculum vitae, teaching, research and diversity statements, and names and addresses of at least three references. Links to a professional website such as Google Scholar or Research Gate are recommended.

Applicants may contact the faculty search committee at cs-tt-search@uic.edu for more information. For fullest consideration, applications must be submitted by November 30, 2022. Applications will be accepted until the positions are filled.

The Department of Computer Science at UIC, which is expected to hire between 15 and 25 new faculty in the next 5 years, has 42 tenure-system faculty, 5 research faculty with strong and broad research agendas, and 17 clinical/teaching faculty. The department is committed to building a diverse faculty preeminent in its missions of research, teaching, and service to the community. Candidates who have experience engaging with a diverse range of faculty, staff, and students, and contributing to a climate of inclusivity are encouraged to discuss their perspectives on these subjects in their application materials.

Construction of a new building housing the UIC Computer Science department is under way; the building is expected to open in calendar 2023. The building will include 80 faculty offices, 16,000 square feet of classroom space, 23 shared student offices, many collaborative learning and teaching spaces, and a geothermal farm to assist with sustainable heating and cooling.

UIC is a major public research university (Carnegie R1) with about 3,100 faculty and 34,000 students. UIC is committed to increasing access to education, employment, programs, and services for all. UIC is committed to supporting the success of dual-career couples.

Chicago epitomizes the modern, livable, vibrant, and diverse city. World-class amenities like the lakefront, arts and culture venues, festivals, and two international airports make Chicago a singularly enjoyable place to live. Yet the cost of living, whether in an 88th floor condominium downtown or on a tree-lined street in one of the nation's finest school districts, is remarkably affordable.

Duties & Responsibilities

- Teach
- Conduct Research
- Mentor Students

Qualifications:

Minimum Qualifications

PhD in Computer Science, Computer Engineering or closely Related Field and the Potential for Excellence in Teaching and Research

The University of Illinois at Chicago is an affirmative action, equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, gender identity, sexual orientation, national origin, protected veteran status, or status as an individual with a disability.

Offers of employment by the University of Illinois may be subject to approval by the University's Board of Trustees and are made contingent upon the candidate's successful completion of any criminal background checks and other pre-employment assessments that may be required for the position being offered. Additional information regarding such pre-employment checks and assessments may be provided as applicable during the hiring process.

The University of Illinois System requires candidates selected for hire to disclose any documented finding of sexual misconduct or sexual harassment and to authorize inquiries to current and former employers regarding findings of sexual misconduct or sexual harassment. For more information, visit <https://www.hr.uillinois.edu/cms/One.aspx?portalId=4292&pageId=1411899>.

University of Illinois at Chicago

Research Assistant Professor in the Foundations of Data Science

The Department of Mathematics, Statistics and Computer Science at the University of Illinois at Chicago invites applicants

for a Research Assistant Professor in the Foundations of Data Science (normally renewable annually to a maximum of two years) as part of interdisciplinary activities under a collaborative grant which form The Institute for Data, Econometrics, Algorithms, and Learning (IDEAL): <http://ideal-institute.org/>.

The position carries a teaching responsibility of up to one course per year and the expectation that the incumbent interacts with researchers across IDEAL-affiliated units in the Chicago area. For more details including deadlines see the official advertisement at mcs.uic.edu/people/employment or at mathjobs.org.

The University of Illinois at Chicago is an Equal Opportunity, Affirmative Action employer including Disability/Vets.

University of Illinois at Chicago

Teaching Track Faculty - Computer Science

EXTENDED SEARCH

UIC is among the nation's preeminent urban public research universities, a Carnegie RU/VH research institution, and the largest university in Chicago. UIC serves over 34,000 students, comprising one of the most diverse student bodies in the nation and is designated as a Minority Serving Institution (MSI), an Asian American and Native American Pacific Islander Serving Institution (AANAPSI) and a Hispanic Serving Institution (HSI). Through its 16 colleges, UIC produces

nationally and internationally recognized multidisciplinary academic programs in concert with civic, corporate and community partners worldwide, including a full complement of health sciences colleges. By emphasizing cutting-edge and transformational research along with a commitment to the success of all students, UIC embodies the dynamic, vibrant and engaged urban university. Recent "Best Colleges" rankings published by U.S. News & World Report, found UIC climbed up in its rankings among top public schools in the nation and among all national universities. UIC has nearly 260,000 alumni, and is one of the largest employers in the city of Chicago.

Teaching Track Faculty Openings in Computer Science

The Computer Science Department at the University of Illinois Chicago (UIC) seeks to hire full-time teaching faculty (Lecturer or Clinical Professor). Candidates would work alongside 17 full-time teaching faculty with over 150 years of experience and 13 awards for excellence. Standard teaching load is three course sections per semester.

UIC is one of the top-ten most diverse universities in the US (US News and World Report), a top 25 public and top 10 best value (Wall Street Journal and Times Higher Education), and a Hispanic-serving institution. The department seeks candidates interested in all areas of computer science. **Submit applications online at <https://jobs.uic.edu>.** Include:

- A curriculum vitae,
- Contact information for at least three references,

- One-page statement on your teaching philosophy and how it is inclusive to a diverse student population,
- Recordings of teaching activities (optional), and
- recent teaching evaluations (optional).

For more information, send e-mail to cs-ntt-search@uic.edu. For fullest consideration, apply by 11/17/22. Applications will be accepted and reviewed until the positions are filled.

Qualifications:

The Lecturer track is a long-term career track that starts with Lecturer and offers opportunities for advancement to Senior Lecturer. Minimum qualifications include an MS in Computer Science or a closely related field.

The Clinical Professor track is a long-term career track that starts with Clinical Assistant Professor and offers advancement to Clinical Associate and Clinical Full Professor. Minimum qualifications include a PhD in Computer Science or a closely related field. Candidates interested in Computer Science Education research or collaborating in the department's existing Computer Science research are encouraged to apply.

The University of Illinois at Chicago is an affirmative action, equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, gender identity, sexual orientation, national origin, protected veteran status, or status as an individual with a disability.

Offers of employment by the University of Illinois may be subject to approval by the University's Board of Trustees and are made contingent upon the candidate's successful completion of any criminal background checks and other pre-employment assessments that may be required for the position being offered. Additional information regarding such pre-employment checks and assessments may be provided as applicable during the hiring process.

As a qualifying federal contractor, the University of Illinois System uses E-Verify to verify employment eligibility.

The University of Illinois System requires candidates selected for hire to disclose any documented finding of sexual misconduct or sexual harassment and to authorize inquiries to current and former employers regarding findings of sexual misconduct or sexual harassment. For more information, visit [here](#).

University of Illinois faculty, staff and students are required to be fully vaccinated against COVID-19. If you are not able to receive the vaccine for medical or religious reasons, you may seek approval for an exemption in accordance with applicable University processes.

University of Illinois Chicago

*Open Rank Tenure Track Professor
Computer Science*

About the University of Illinois Chicago

UIC is among the nation's preeminent urban public research universities, a Carnegie RU/VH research institution, and

the largest university in Chicago. UIC serves over 34,000 students, comprising one of the most diverse student bodies in the nation and is designated as a Minority Serving Institution (MSI), an Asian American and Native American Pacific Islander Serving Institution (AANAPSI) and a Hispanic Serving Institution (HSI). Through its 16 colleges, UIC produces nationally and internationally recognized multidisciplinary academic programs in concert with civic, corporate and community partners worldwide, including a full complement of health sciences colleges. By emphasizing cutting-edge and transformational research along with a commitment to the success of all students, UIC embodies the dynamic, vibrant and engaged urban university. Recent "Best Colleges" rankings published by U.S. News & World Report, found UIC climbed up in its rankings among top public schools in the nation and among all national universities. UIC has nearly 260,000 alumni and is one of the largest employers in the city of Chicago.

Description:

Position Summary

The Computer Science (CS) department at the University of Illinois at Chicago, in conjunction with the Center of Bioinformatics and Quantitative Biology (CBQB), is seeking an outstanding faculty candidate in computational biology at the rank of assistant or associate professor. Candidates in all areas of computational biology are encouraged to apply.

The UIC CS department currently has 42 tenure-system faculty, 5 research faculty, and 17 clinical/teaching faculty,

with strong and broad research agendas, ranging from machine learning, theory, database, and systems. Faculty at the CBQB conduct research in bioinformatics, biophysics, systems biology, and multi-scale modeling. There is a vibrant research environment in bioinformatics and computational biology at UIC, with well-established collaborations among faculty from CS, CBQB, College of Liberal Arts and Sciences, and College of Medicine.

We are seeking innovative and collaborative individuals who will develop his/her independent research programs in computational biology. Successful candidates will have ample opportunities to collaborate with faculty members from CS, CBQB, and other engineering departments, as well as basic science and clinical departments in the College of Medicine, and College of Liberal Arts and Sciences. There are additional collaboration opportunities with the University of Illinois Cancer Center, the Center for Clinical and Translational Science, and UI Hospital and Health Sciences at UIC.

The CS department is located in the heart of Chicago. Construction of a new building housing CS department is under way and is expected to open in 2023. The building will include 80 faculty offices, 16,000 square feet of classroom space, 23 shared student offices, numerous collaborative learning and teaching spaces, and a geothermal farm to assist with sustainable heating and cooling. The salary and start-up package will be highly competitive and commensurate with the level of excellence expected of successful applicants.

Candidates should have a PhD in Computer Science, Bioengineering, Bioinformatics or closely related fields, and the potential for excellence in research, teaching, and student mentoring. Applications must be submitted at <https://jobs.uic.edu/>, and must include a 1-page cover letter, curriculum vitae, teaching, research, and diversity statements. Links to a professional website such as Google Scholar or Research Gate are recommended. Candidate's cover letter should include a description of how multicultural issues have been or will be brought into courses and a description of previous activities mentoring minorities, women, or members of other underrepresented groups. Names and addresses of at least three references should also be provided. Applicants may contact the faculty search committee at cs-compbio-tt-search@uic.edu for more information.

Fulllest consideration will be given to applications received by January 10, 2023, but applications will be considered until the position is filled.

We are committed to building a diverse faculty preminent in its missions of research, teaching, and service to the community. Candidates who have experience engaging with a diverse range of faculty, staff, and students, and contributing to a climate of inclusivity are encouraged to discuss their perspectives on these subjects in their application materials. UIC offers religious holidays and encourages flexible working hours.

UIC is a major public research university (Carnegie R1) with about 3,100 faculty, 34,000 students, and a total of \$446 million sponsored research awarded in 2022. UIC is committed to increasing

access to education, employment, programs, and services for all. UIC is committed to supporting the success of dual-career couples.

Chicago epitomizes the modern, livable, vibrant, and diverse city. World-class amenities such as the lakefront, arts and culture venues, architecture, festivals, and two international airports make Chicago a singularly enjoyable place to live. Yet the cost of living, whether in an 88th floor condominium downtown or on a tree-lined street in one of the nation's finest school districts, is remarkably affordable. Chicago is voted the 2nd best city in the world in 2022 according to the Time-Out Index.

Duties & Responsibilities

- Research
- Teaching
- Student Mentoring

Qualifications:

Minimum Qualifications

PhD in Computer Science, Bioengineering, Bioinformatics or closely related fields

The University of Illinois at Chicago is an affirmative action, equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, gender identity, sexual orientation, national origin, protected veteran status, or status as an individual with a disability.

Offers of employment by the University of Illinois may be subject to approval by the University's Board of Trustees and are made contingent upon the candidate's successful completion of any criminal

background checks and other pre-employment assessments that may be required for the position being offered. Additional information regarding such pre-employment checks and assessments may be provided as applicable during the hiring process.

The University of Illinois System requires candidates selected for hire to disclose any documented finding of sexual misconduct or sexual harassment and to authorize inquiries to current and former employers regarding findings of sexual misconduct or sexual harassment. For more information, visit <https://www.hr.uillinois.edu/cms/One.aspx?portalId=4292&pageId=1411899>.

University of Illinois Springfield

Assistant Professor, Computer Science (2 positions)

Summary: The Computer Science Department at the University of Illinois Springfield (UIS) invites applications for two Assistant Professor, tenure track positions to begin August, 16, 2023. The UIS Computer Science Department offers innovative programs in software engineering, cybersecurity, and data analytics. The department has been designated a National Center for Academic Excellence in Cybersecurity, and prides itself on its small class sizes and distinguished faculty dedicated to research and teaching. Applicants, especially early career, are welcome to apply. This is a full-time on-campus position. UIS tenure-system faculty are expected to be available and engaged

in the campus community, with assigned professional responsibilities for teaching, scholarship, and service.

Duties & Responsibilities: Teaching: The position involves on-campus and online development and delivery of core and elective, graduate and undergraduate courses: 60%

Scholarship responsibilities include: A productive research program, with high quality peer-reviewed papers published in venues recognized nationally and internationally; evidence of significance and impact of research contributions; engaging students in research: 30%

Service expectations include contributing at department, college, and university levels, as well as service to the profession: 10%

Minimum Qualifications: A Ph.D. in Computer Science or a closely related field is required (ABD will be considered with completion prior to the time of appointment). Areas of desired specialty include computer security, artificial intelligence, data analytics, software engineering, as well as emerging or interdisciplinary topics; however, all areas will be considered.

Application deadline (5pm): 12/31/2022

Website to view job posting:
<https://jobs.uis.edu/>

University of Illinois Urbana-Champaign

The Grainger College of Engineering

Professor (Open Rank) Computer Science

The Department of Computer Science at the University of Illinois Urbana-

Champaign invites applications for full-time tenure-track faculty positions at all levels (Assistant Professor, Associate Professor, Full Professor). While we welcome applications from exceptional candidates in all areas, we particularly encourage applications from candidates working in quantum computing; parallel computing; computing systems; interactive and social computing (HCI, wearable computing, AR/VR, graphics, computational social science, fairness); ML systems and architectures; and speech & audio. We also are interested in expanding in interdisciplinary areas such as bioinformatics, digital healthcare; digital manufacturing; computational brain, environmental, or climate sciences; and robotics, among others.

Applicants are required to have (or expected to receive) a Ph.D. or equivalent terminal degree in Computer Science or a related field. Additional qualifications include the ability to teach effectively at both the graduate and undergraduate levels and the potential to initiate and carry out independent research.

We seek applicants that will contribute to the diverse, vibrant, and inclusive atmosphere in the department as we strive to make computing's remarkable opportunities available to everyone through the continued expansion of our research and teaching activity in Urbana-Champaign, in Chicago, and online. Quantum computing faculty will engage with a growing campus and state-wide quantum research community through the new Illinois Quantum Information Science and Technology Center (IQUIST) and the Chicago Quantum Exchange.

Qualified senior candidates may be considered for tenured Associate Professor and Full Professor positions as part of the Grainger Engineering Breakthroughs Initiative in which new endowed professorships and chairs will be established in areas of strategic interest to The Grainger College of Engineering. Such areas include, but are not limited to, quantum, big data, machine learning, and robotics. More information about the Grainger Initiative can be found at <https://grainger.illinois.edu/research/initiatives/gebi>.

A full description of this position announcement can be found at <https://cs.illinois.edu/faculty-positions>

Application review and interviewing will begin immediately. Applications received by November 15, 2022 will receive full consideration, but applications will be accepted until all positions are filled. Salary will be commensurate with qualifications. The preferred starting date is August 16, 2023 but is negotiable.

Please visit <https://jobs.illinois.edu> to view the complete position announcement and application instructions. Applicants who desire confidentiality should explicitly mention this in the first paragraph of their cover letter. For inquiry, please email cs-facultysearch@illinois.edu.

The University of Illinois System is an equal opportunity employer, including but not limited to disability and/or veteran status, and complies with all applicable state and federal employment mandates. Please visit Required Employment

Notices and Posters to view our non-discrimination statement and find additional information about required background checks, sexual harassment/misconduct disclosures, COVID-19 vaccination requirement, and employment eligibility review through E-Verify.

We have an active and successful dual-career partner placement program and a strong commitment to work-life balance and family-friendly programs for faculty and staff (<https://provost.illinois.edu/faculty-affairs/work-life-balance/>).

Applicants with disabilities are encouraged to apply and may request a reasonable accommodation under the Americans with Disabilities Act (2008) to complete the application and/or interview process. Requests may be submitted through the reasonable accommodations portal, or by contacting the Accessibility & Accommodations Division of the Office for Access and Equity at 217-333-0885, or by emailing accessibility@illinois.edu.

University of Illinois Urbana-Champaign

The Grainger College of Engineering

*Teaching Faculty (Open Rank) Computer
Science*

The Computer Science Department in the Grainger College of Engineering at the University of Illinois invites applications for multiple teaching positions to support the continued expansion of our teaching activity in Urbana-Champaign, in Chicago, and online. We welcome applications from talented and innovative instructors able

to teach across the computer science curriculum and are particularly interested in candidates who can teach algorithms and theory, artificial intelligence, data and information systems, data science, systems, AR/VR, graphics and visualization and introductory courses in computer science. Applicants for Teaching Professor (all ranks) or Lecturer positions should have a terminal degree in computer science or a closely related field. Applicants for Instructor positions must have at least a B.S. in computer science or a closely related field. Initial appointments will be on three-year contracts renewed annually, at a rank commensurate with prior experience, and at a competitive salary.

Application review and interviewing will begin immediately. Applications received by November 15, 2022 will receive full consideration, but applications will be accepted until all positions are filled.

To apply for this position, please create a candidate profile at <https://jobs.illinois.edu> and upload a cover letter, curriculum vitae, teaching statement, diversity statement, and contact information for three references. Competitive applications will include evidence of effective pedagogy, such as course materials and assignments; peer, student, or statistical evaluations; or descriptions of novel approaches, tools, or systems that the applicant has developed. Applicants who desire confidentiality should explicitly mention this in the first paragraph of their cover letter. For inquiries, please email facultysearch@cs.illinois.edu. For questions regarding the application process, please contact 217-333-2137.

Successful applicants will join a large and active teaching faculty community. Our department's 23 teaching faculty embrace the challenges and rewards of teaching at scale, but generally do so by teaching many students across a small number of courses. Many instructors choose to teach the same course for multiple semesters, allowing them to develop deep mastery of their subject while supporting long-term investments in innovative pedagogy.

Teaching faculty have primary responsibility for designing and delivering the undergraduate core, but teach courses throughout the undergraduate and graduate degree programs and online. Teaching faculty also engage in other activities that support the university's educational mission, including leadership and service at the department, campus, or international level; collaborations that develop new courses or curricula; student mentoring and advising; creating systems and tools that support novel educational approaches; data analysis; community outreach; and research in computer science education or other areas of computer science.

A full description of this position announcement can be found at <https://cs.illinois.edu/faculty-positions>.

The University of Illinois System is an equal opportunity employer, including but not limited to disability and/or veteran status, and complies with all applicable state and federal employment mandates. Please visit Required Employment Notices and Posters to view our non-discrimination statement and find

Professional Opportunities

additional information about required background checks, sexual harassment/misconduct disclosures, COVID-19 vaccination requirement, and employment eligibility review through E-Verify.

We have an active and successful dual-career partner placement program and a strong commitment to work-life balance and family-friendly programs for faculty and staff (<https://provost.illinois.edu/faculty-affairs/work-life-balance/>).

Applicants with disabilities are encouraged to apply and may request a reasonable accommodation under the Americans with Disabilities Act (2008) to complete the application and/or interview process. Requests may be submitted through the reasonable accommodations portal, or by contacting the Accessibility & Accommodations Division of the Office for Access and Equity at 217-333-0885, or by emailing accessibility@illinois.edu.

University of Illinois Urbana-Champaign

*The Grainger College of Engineering:
Faculty (Open Rank) Electrical and
Computer Engineering*

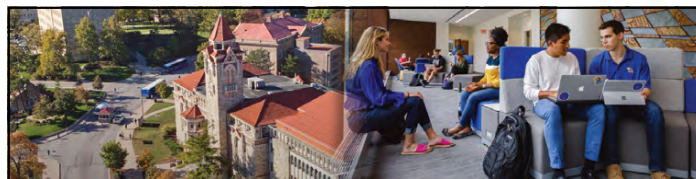
The Department of Electrical and Computer Engineering at the University of Illinois Urbana-Champaign invites applications for open-rank full-time faculty positions. All qualified candidates will be considered at all levels and in all areas of electrical and computer engineering, broadly defined, including the areas of Computational and Physical Electronics; Electromagnetics and Sensing Systems;

Power and Energy Systems; Quantum Information Science; Bioinformatics and Bioimaging; Circuits - System on a Chip; AI/Autonomous Systems; Robotics; Signal Processing and Data Science; Control, Optimization, and Decision Science; Embedded Computing Systems and the Internet of Things; Data-Centric Computer Systems and Storage; Networked and Distributed Computing Systems. **Areas of particular emphasis in this year's search are scalable AI systems, computer system architecture, device growth and/or fabrication,**

signal processing, electromechanical systems, and quantum systems.

Please visit <https://jobs.illinois.edu> to view the complete position announcement and application instructions. Full consideration will be given to applications received by **December 1, 2022**, but the interview process for earlier applicants may begin before this date and continue until suitable candidates are identified.

The University of Illinois System is an equal opportunity employer, including but not limited to disability and/or veteran



Asst/Assoc/Full Professor-Asst/Assoc/Full Scientist AI/ML Electrical Engr & Comp Science

Job Description:

The University of Kansas School of Engineering (SoE), the EECS Department, and I2S strongly value diversity, equity, inclusion, and belonging (DEIB). We seek candidates who can contribute to fostering an inclusive culture. In Spring 2019, KU SoE was one of only 29 universities to achieve the exemplar, inaugural ASEE Diversity Recognition Bronze Award <https://diversityrecognition.asee.org/award-recipients/>. At the University of Kansas, diversity, equity, inclusion, and belonging are an important part of our culture and university strategic plan. Applications from members of underrepresented groups are encouraged, noting the value that differences bring to our organization, students, staff, faculty, and community. The successful candidate must be eligible to work in the U.S. by the effective date of the appointment.

Required Qualifications:

For the rank of Assistant Professor -

- Earned doctorate in Computer Science, Computer Engineering, Electrical Engineering or a closely related field at the time of appointment.
- Expertise in artificial intelligence, big data analytics, design and optimization of deep learning and neural networks, software/hardware implementation of machine learning algorithms, data science, and their applications in science and engineering.
- Demonstrated potential for teaching Undergraduate/Graduate level courses at the University level.
- Potential to establish and secure external funding.

For the rank of Associate Professor -

- Doctorate in Computer Science, Computer Engineering, Electrical Engineering or a closely related field at the time of appointment.
- Expertise in artificial intelligence, big data analytics, design and optimization of deep learning and neural networks, software/hardware implementation of machine learning algorithms, data science, and their applications in science and engineering.
- Proven record for teaching Undergraduate/Graduate level courses at the University level.
- Demonstrated ability to establish and secure external funding.

For the rank of Full Professor -

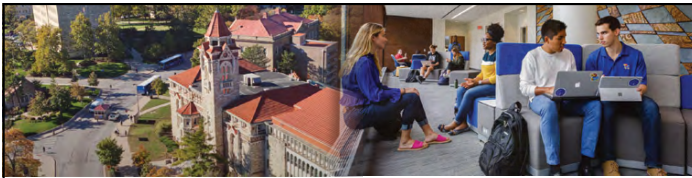
- Doctorate in Computer Science, Computer Engineering, Electrical Engineering or a closely related field at the time of appointment.
- Expertise in artificial intelligence, big data analytics, design and optimization of deep learning and neural networks, software/hardware implementation of machine learning algorithms, data science, and their applications in science and engineering.
- Proven record for teaching Undergraduate/Graduate level courses at the University level.
- Strong record of established externally funded research.

To apply, and for more information: <https://apptrkr.com/3595322>

Application Review Begins: 02-Nov-2022

Anticipated Start Date: 18-Aug-2023

EOE



KU THE UNIVERSITY OF
KANSAS

Assistant Professor - Programming Languages

23542BR

Assistant Professor - Programming Languages Electrical Engr & Comp Science

Position Overview

The University of Kansas (KU) Department of Electrical Engineering and Computer Science (EECS) seeks outstanding individuals for a full time, tenure-track position at the rank of Assistant Professor in Computer Science with a focus on Programming Languages. Successful candidates are expected to contribute to the development of academic programs and contribute to the research community. Applicants are expected to have an earned doctorate, or equivalent, in Computer Science, Computer Engineering, Electrical Engineering, or a closely related field at the time of appointment.

Required Qualifications

- Earned doctorate in computer science, computer engineering, electrical engineering, or a closely related scientific or engineering discipline by the time of appointment.
- Expertise in any area related to programming languages and/or static analysis, including but not limited to: type systems; language semantics; automated software engineering; program analysis; partial evaluation; symbolic execution; and model checking. Application areas including high-assurance systems; resiliency; trustworthy systems; and secure systems are particularly desirable.
- Demonstrated potential for teaching Undergraduate/Graduate level courses at the University level.
- Potential to establish and secure external funding.

Preferred Qualifications

- Applicants pursuing research in areas that are synergistic with departmental strengths of security and assurance, imaging, scientific/parallel computing, communication systems and networking, radar and remote sensing, embedded systems, and signal processing are preferred.

Contact Information to Applicants

Erik Perrins
eecs_search@ku.edu

Additional Candidate Instruction

A complete online application will include the following PDF files: 1) letter of application, 2) curriculum vitae, 3) a statement of research interests and plans, 4) a statement of teaching interests including plans for broadening participation in computing, 5) a diversity statement, typically on the order of two pages, outlining contributions and/or plans to contribute to diversity, equity, inclusion, and belonging (DEIB), and 6) contact information (including email addresses) for three individuals who can provide letters of recommendation.

In addition to the materials above, learning about each applicant's contribution and engagement in areas of diversity is an important part of KU's mission. As a result, applicants will be presented the following question at the time of application. The response must be within 4,000 characters or less.

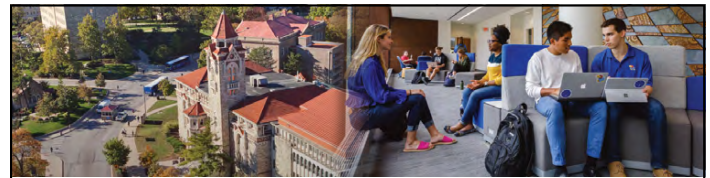
- Describe your experiences working with people from diverse backgrounds, and explain how those experiences reflect your commitments to diversity, equity, inclusion, and belonging?

Review of application materials begins November 2, 2022 and continues as long as needed to identify a qualified pool of candidates.

Application Review Begins: 02-Nov-2022

Anticipated Start Date: 18-Aug-2023

To apply, visit <https://apptrk.com/3522345>



KU THE UNIVERSITY OF
KANSAS

Asst/Assoc/Full Professor-Asst/Assoc/Full Scientist Cybersecurity

Electrical Engr & Comp Science - Job# 23557BR

Job Description:

The University of Kansas School of Engineering (SoE), the EECS Department, and I2S strongly value diversity, equity, inclusion, and belonging (DEIB). We seek candidates who can contribute to fostering an inclusive culture. In Spring 2019, KU SoE was one of only 29 universities to achieve the exemplar, inaugural ASEE Diversity Recognition Bronze Award <https://diversityrecognition.asee.org/award-recipients/>. At the University of Kansas, diversity, equity, inclusion, and belonging are an important part of our culture and university strategic plan. Applications from members of underrepresented groups are encouraged, noting the value that differences bring to our organization, students, staff, faculty, and community. The successful candidate must be eligible to work in the U.S. by the effective date of the appointment.

Required Qualifications:

For the rank of Assistant Professor -

- Earned doctorate in Computer Science, Computer Engineering, Electrical Engineering, or a closely related field at the time of appointment.
- Expertise in any research area in security and privacy, including but not limited to, system security, software security, network security, usable security, and image processing/computer vision and security.
- Demonstrated potential for teaching Undergraduate/Graduate level courses at the University level.
- Potential to establish and secure external funding.

For the rank of Associate Professor -

- Doctorate in Computer Science, Computer Engineering, Electrical Engineering, or a closely related field at the time of appointment.
- Expertise in any research area in security and privacy, including but not limited to, system security, software security, network security, usable security, and image processing/computer vision and security.
- Proven record for teaching Undergraduate/Graduate level courses at the University level.
- Demonstrated ability to establish and secure external funding.

For the rank of Full Professor -

- Doctorate in Computer Science, Computer Engineering, Electrical Engineering, or a closely related field at the time of appointment.
- Expertise in any research area in security and privacy, including but not limited to, system security, software security, network security, usable security, and image processing/computer vision and security.
- Proven record for teaching Undergraduate/Graduate level courses at the University level.
- Strong record of established externally funded research.

To apply, and for more information: <https://apptrk.com/3594458>

Application Review Begins: 02-Nov-2022

Anticipated Start Date: 18-Aug-2023

EOE

status, and complies with all applicable state and federal employment mandates. Please visit Required Employment Notices and Posters to view our non-discrimination statement and find additional information about required background checks, sexual harassment/misconduct disclosures, COVID-19 vaccination requirement, and employment eligibility review through E-Verify.

We have an active and successful dual-career partner placement program and a

strong commitment to work-life balance and family-friendly programs for faculty and staff (<http://provost.illinois.edu/faculty-affairs/work-life-balance/>).

Applicants with disabilities are encouraged to apply and may request a reasonable accommodation under the Americans with Disabilities Act (2008) to complete the application and/or interview process. Requests may be submitted through the reasonable accommodations portal, or by contacting the Accessibility &

Accommodations Division of the Office for Access and Equity at 217-333-0885, or by emailing accessibility@illinois.edu.

University of Kentucky

Assistant Professor in Computer Science/Engineering

The Department of Computer Science at the University of Kentucky invites applications for a tenure-eligible, 9-month appointment (Regular Title Series) faculty

position to begin August 2023. We seek excellent candidates in all areas, with specific needs in data science, software engineering, security, and systems. A demonstrated ability to collaborate with diverse teams to address grand societal challenges is highly desirable. Successful candidates must demonstrate a strong commitment to undergraduate and graduate education and be qualified to teach a broad range of courses in Computer Science. All regular title series faculty are expected to have a mix of research, teaching, and service to be negotiated annually with the chair of the department. We will consider all ranks, with preference for candidates at the assistant professor level. Tenure-eligible faculty are expected to build a strong research program in their chosen area and to be dedicated teachers, contributing to our instructional offerings at both undergraduate and graduate levels.

The Department, housed within the College of Engineering, has 21 faculty members. We aim to be a diverse community of researchers and educators pursuing pioneering research in computer science as well as interdisciplinary research collaborations at the university and beyond; offering all students the highest quality instructional programs including Bachelor's, Master's, and PhD degrees in Computer Science, Master's degree in Data Science, and Bachelor's, Master's, and PhD degrees in Computer Engineering; expanding our reach to marginalized and underrepresented students, including but not limited to persons of color, international, first generation, veterans, people

with disabilities, and members of the LGBTQ+ communities; and serving the professional, local, state and global communities. The degree programs in Computer Engineering are offered in collaboration with the Department of Electrical and Computer Engineering Department; the undergraduate programs in Computer Science and in Computer Engineering are ABET-accredited.

The University of Kentucky is one of eight institutions in the United States with colleges of agriculture, arts and sciences, business, engineering, law, medicine, and pharmacy all on a single campus, making it uniquely suited for diverse interdisciplinary collaborations. Located in Lexington, one of the safest, most creative and well-educated cities in the nation, we offer an ideal setting in which to build a successful work-life balanced career. Lexington is the heart of the scenic Bluegrass Region, with many outdoor recreation opportunities and excellent public and private schools. To learn more about these benefits, please visit: <https://www.uky.edu/hr/benefits>.

Applications are now being accepted. Review of submissions will begin immediately and continue until the position is filled. Candidates must have earned a PhD in Computer Science or closely related field at the time employment begins.

To apply, a University of Kentucky Academic Profile must be submitted at the following link: <https://ukjobs.uky.edu/postings/424471>. Applicants should submit a cover letter, full curriculum vitae, research statement (upload under Specific Request 1),

teaching statement (upload under Specific Request 2), and contact information for a minimum of three references when prompted in the application.

Questions should be directed to HR/ Employment by phone at 1-859-257-9555 (press 2) or email (ukjobs@email.uky.edu), or to Diane Mier (diane.mier@uky.edu) in the Computer Science Department. Upon offer of employment, successful applicants must undergo a national background check as required by University of Kentucky Human Resources.

The University of Kentucky is an equal opportunity employer and especially encourages applications from women and members of underrepresented groups.

University of Louisville

Tenure-Track Assistant Professor

The Department of Computer Science and Engineering (CSE) at the University of Louisville invites applications for a tenure-track Assistant Professor position. We seek candidates in all areas of computer science; however, candidates with core research interests in areas that strengthens and complements the department existing research groups are especially encouraged to apply.

The department offers ABET-accredited BS and MENG degrees in CSE, a BA degree in CS, an MS degree in CS, and a PhD degree in CSE. Successful candidates will be expected to teach core undergraduate CSE courses, in addition to graduate level courses in their research areas; develop a visionary, externally funded

research program commensurate with the expectations of an R1 university along with a commitment to high-quality teaching; mentor diverse students; participate in all aspects of the department's mission; and serve the profession.

The University of Louisville strives to foster and sustain an environment of inclusiveness that empowers us all to achieve our highest potential without fear of prejudice or bias and are committed to increasing the diversity of the campus community, and is especially interested in candidates who can contribute, through their research, teaching and/or service, to this mission.

Review of applications will commence on January 4, 2023 and will continue until the position is filled. Applicants must apply online at <http://www.louisville.edu/jobs> and submit: (1) a cover letter clearly stating the position name and job ID number (44631); (2) a curriculum vitae (including the names and contact information of at least three referees); (3) a research statement; (4) a teaching statement; and (5) a diversity statement that articulates the candidate's track record and plans related to advancing diversity, inclusion and belonging.

The full position description and application details can be found at the following link:

<https://www.higheredjobs.com/institution/details.cfm?JobCode=178162202&Title=Assistant%20Professor%20%28Job%20Id%3A%2044631%29&aID=7137>

University of Manitoba

Assistant/Associate/Professor

The Department of Computer Science at the University of Manitoba is seeking 6 (six) professors for Probationary (Tenure-track) or Tenured positions at the rank of Assistant Professor or Associate Professor, commencing July 1, 2023, or on a date mutually agreed upon. Exceptional candidates at the full Professor level will also be considered. Salary and rank will be commensurate with experience and qualifications. The Department is seeking scholars with a commitment to excellence in teaching and research, and a collegial approach to departmental affairs. Outstanding candidates in all areas of Computer Science will be considered, with particular emphasis on candidates who will complement or extend the department's strengths: Algorithms and Theory of Computation, Artificial Intelligence and Machine Learning, Bioinformatics, Computational Finance, Data Mining, Human-Computer Interaction, Parallel and Distributed Computing, Privacy and Security. The successful candidate(s) will hold a Ph.D. in Computer Science or a related field by the appointment date. Post-doctoral experience is preferred, and other distinguishing experience will be considered.

Complete Information: <https://viprecprod.ad.umanitoba.ca/default.aspx>

University of Maryland

Grant Writer/Proposal Manager

In support of this mission, UMIACS is seeking a Grant Writer/Proposal Manager.

Reporting to the Director of the Institute, the proposal manager will manage and support contract and grant proposal development activity for UMIACS, including working with the Institute's Director to develop sponsored project strategy for the unit, providing technical writing and proposal editing services to faculty, managing the proposal development process (especially on collaborative proposals), educating (especially junior) faculty on the proposal development and evaluation process, enriching relationships with program managers at funding agencies and around campus, and aiding faculty in creating and resourcing non-research elements of their proposals (such as diversity and inclusion and educational program elements).

Apply at <https://ejobs.umd.edu/postings/100885>

University of Maryland, Baltimore County

Open-Rank Tenure Track Faculty

The Department of Computer Science and Electrical Engineering (CSEE) at the University of Maryland, Baltimore County (UMBC) invites applications for multiple open rank, tenured/ tenure-track positions across all areas of Computer Science and Computer Engineering to begin in the Fall of 2023.

Applicants should have or be completing a Ph.D. in a relevant discipline, have a strong research record with the potential to develop a funded research program, have a strong commitment to undergraduate

and graduate teaching, and have a strong commitment to diversity, equity, inclusion, and accessibility. Candidates will be expected to build and lead a team of student researchers, obtain external research support, and teach both graduate and undergraduate courses. We are committed to inclusive excellence and innovation and welcome applications from women, minorities, veterans, and individuals with disabilities. UMBC is an affirmative action/equal opportunity employer. The CSEE department is research-oriented and multi-disciplinary with programs in Computer Science, Computer Engineering, Electrical Engineering, Data Science, and Cybersecurity.

To review the full description and/or to apply, please visit our website at: <https://www.csee.umbc.edu/jobs>

University of Maryland Baltimore County

Multiple open-rank faculty positions in Renewable Energy and Sustainability

The College of Engineering and Information Technology (COEIT) at the University of Maryland Baltimore County (UMBC) seeks to fill open-rank, tenure/tenure-track positions in the broad area of **renewable energy and sustainability**. COEIT plans to make multiple hires at the assistant, associate, or full professor levels. Example areas of interest include:

Climate, water, and sustainable materials: bio- and circular economies; carbon management; climate change; food-energy-water nexus; life-cycle assessment and technoeconomic

analysis; materials and processes for a sustainable economy

Energy: batteries and fuel cells; carbon-neutral energy generation, transmission, and storage; electric vehicles and energy-efficient transportation systems; energy and environmental justice; renewable energy (e.g., bioenergy, geothermal, ocean, solar, wind).

Sustainable computing: artificial intelligence for climate change, sustainability and renewable energy; energy-related cyber-physical systems; smart energy systems, grids, buildings, and cities.

Applicants with research and teaching interests in other fields related to renewable energy or sustainability are encouraged to apply. UMBC seeks applicants who are committed to conducting interdisciplinary research within the College, teaching and mentoring a diverse student body, and embracing equity and inclusion principles in their research, teaching, and service contributions.

More information about the position and application requirements are available at <http://apply.interfolio.com/115697>.

Review of applications will begin on January 9, 2023 and continue until the positions are filled. For inquiries, please email Prof. Lee Blaney (blaney@umbc.edu).

UMBC is an Affirmative Action/Equal Opportunity Employer. Minorities, women, veterans, and individuals with disabilities are encouraged to apply.

University of Maryland, College Park

Maryland Cybersecurity Center Faculty Positions

The Maryland Cybersecurity Center (MC2) has openings for multiple tenured and/or tenure-track faculty positions in cybersecurity and privacy, broadly defined. Strong candidates will be considered in all areas of cybersecurity and privacy. Candidates with interdisciplinary backgrounds connecting security and privacy to other domains are strongly encouraged to apply. Successful applicants will have a tenure home either with the Department of Computer Science or the Department of Electrical and Computer Engineering at the University of Maryland and will also have a joint appointment at the University of Maryland Institute for Advanced Computer Studies (UMIACS). The Maryland Cybersecurity Center is committed to building a diverse faculty pre-eminent in its mission of research, education, and service to the community: we strive to create an inclusive environment where every member of our community feels that they belong and are empowered to reach their full potential. We especially encourage applications from women and underrepresented minorities. In addition, candidates who have experience and/or interest engaging with a diverse range of faculty, staff, and students in promoting and fostering inclusivity are encouraged to discuss their perspectives on these subjects in the application materials.

Founded in 1856, University of Maryland, College Park is the state's flagship

institution. Our 1,250-acre College Park campus is just minutes away from Washington, D.C., and the nexus of the nation's legislative, executive, and judicial centers of power. This unique proximity to business and technology leaders, federal departments and agencies, and a myriad of research entities, embassies, think tanks, cultural centers, and non-profit organizations is simply unparalleled. Synergistic opportunities for our faculty and students abound and are virtually limitless in the nation's capital and surrounding areas. The University is committed to attracting and retaining outstanding and diverse faculty and staff that will enhance our stature of preeminence in our three missions of teaching, scholarship, and full engagement in our community, the state of Maryland, and in the world.

Interested candidates should apply on-line at <https://ejobs.umd.edu/postings/101682> or go to www.ejobs.umd.edu and search under Faculty for position 127869. Applications will be accepted until all positions are filled, but for best consideration please upload all materials by Dec 31, 2022.

For more details, please visit the links above.

University of Maryland Eastern Shore

Chair, Department of Computer Science and Engineering Technology (and) Assistant/Associate/Professor (Tenure or Tenure-Track)

Position Information

Applications and nominations are currently being accepted for the position

of Chairperson of the Department of Computer Science and Engineering Technology in the School of Business and Technology at the University of Maryland Eastern Shore. The chairperson position is a full-time twelve-month administrative appointment that may also carry a nine-month (tenure or tenure-track) faculty appointment as either an Assistant Professor, Associate Professor, or Professor. The chairperson position reports directly to the Dean of the School of Business and Technology.

The Department of Computer Science and Engineering Technology is one of five departments in the School of Business and Technology. With twelve (12) tenure track/tenured faculty, the department serves approximately 200 students and offers two undergraduate programs including Computer Science and Engineering Technology, and two graduate programs in Applied Computer Science and Cybersecurity Engineering Technology.

Responsibilities

The Chairperson is the administrative and academic officer of the department and is responsible for curricula and new program development, administering and monitoring the departmental budget, attending to personnel matters, supervises the academic programs within the Department; assures that the performance of the Computer Science (BS) and Engineering Technology (BS) programs meets the curriculum standards of the Accreditation Board for Engineering and Technology, Inc. (ABET), and the Cybersecurity Engineering Technology (MS) program meets the

curriculum standards of the Association of Technology, Management and Applied Engineering (ATMAE).

Other responsibilities:

- Fiscal management, marketing, and maintaining high standards in the department.
- Provide leadership and promotes the attainment of the Department's mission and goals.
- Administration of all instructional programs and providing leadership in maintaining accreditation.
- Performs other related duties as assigned by the Dean.

Required Qualifications:

- Doctorate in a relevant degree area, e.g. Computer Science or Engineering from a regionally accredited institution.
- Successful recent academic leadership and administrative experience that demonstrates the ability to strongly advocate for excellence in teaching, scholarly activity, and service that meet ABET or ATMAE accreditation standards.
- The candidate's teaching, scholarship, and service profile must be commensurate with tenure-track appointment at the rank of associate or full professor.

Preferred Qualifications

A demonstrated experience in ABET or ATMAE accreditation processes and standards; a track record of acquiring outside funding; and experience as an academic and administrative leader or experience as chair of an academic program.

Required Knowledge, Skills, Abilities

Strong communication and interpersonal skills are essential

Certifications/Registrations

Note: Individuals with degrees outside of the US may be subject to verification at the expense of the candidate.

Resume/Application Process

Qualified applicants should submit a letter of interest stating how the candidate's experience applies to the position, leadership priorities, qualifications, and characteristics expressed in the search profile; A statement of leadership philosophy; a curriculum vitae, and the names, email addresses, and telephone numbers of five professional references, including the candidate's professional relationship with each individual (References will not be contacted without the candidate's prior consent). Please visit <https://umes.peopleadmin.com> to apply. The successful candidate must be able to accept employment in the United States without Employer Immigration sponsorship.

UMES is an EEO/AA employer and will not discriminate against any employee or applicant because of race, age, sex, color, sexual orientation, religion, national origin, marital status, genetic information, or political affiliation. Minorities, women, veterans, and persons with disabilities are encouraged to apply. The successful candidate must be able to show acceptable documentation establishing the right to accept employment in the United States of America without employer sponsorship.

University of Massachusetts Amherst

TT & NTT Faculty Positions

The Manning College of Information & Computer Sciences (CICS) at the University of Massachusetts Amherst invites applications for multiple tenure track (TT) and non-tenure track (NTT) faculty positions.

- TT Faculty, with a focus on Mobile Health
- TT Faculty, with a focus on Software Engineering
- TT Faculty, with a focus on Theoretical Computer Science
- TT Faculty, with a focus on Security
- TT Faculty, with a focus on Machine Learning
- TT Faculty, with a focus on Programming Languages
- TT Faculty, with a focus on Informatics
- NTT Full-Time & Part-Time Teaching Faculty
- NTT Teaching Fellow

Rank and salary will be highly competitive and commensurate with qualifications and experience. For more information and to submit an application, please visit <https://cics.umass.edu/jobs>.

If you wish to be considered for more than one opening, please submit an application for each one.

The Manning College of Information and Computer Sciences (CICS) is home to a top-20 computer science program, as ranked by csrankings.org and a top 25 graduate program as ranked by U.S. News and World Report. Today, CICS has 74 faculty, including 40 hired in the past five years.

CICS continues to grow and just broke ground on a brand new \$125 million state-of-the-art facility. Research funding from industry and government exceeded \$21 million in the past year. The college maintains significant research collaborations with more than 50 industry-leading technology companies. Its affiliated research centers include the Center for Intelligent Information Retrieval, the Center for Data Science, the Center for Smart and Connected Society, the Center for Knowledge Communication, the Computational Social Science Institute, and the Cybersecurity Institute. The college offers a world-class education, with 281 PhD students, 396 MS students, and 1732 undergraduate computer science and informatics majors. United by a revolutionary vision for computing research, education, and outreach—Computing for the Common Good—the CICS community is committed to inspiring and educating students from all backgrounds and experiences, and conducting research that improves the lives of the people of the Commonwealth and the world.

The University of Massachusetts Amherst is an Affirmative Action/ Equal Opportunity Employer of women, minorities, protected veterans, and individuals with disabilities and encourages applications from these and other protected group members.

University of Massachusetts Lowell

Tenure Track Faculty - Miner School of Computer & Information Sciences (multiple positions)

The Richard A. Miner School of Computer & Information Sciences (CIS) at the University

of Massachusetts Lowell invites applications for two tenure-track Assistant Professor faculty positions and two tenure-track open rank faculty positions (4 positions in total) to start in September 2023. The Miner School of Computer & Information Sciences (CIS) was launched in Summer 2022 and named in honor of distinguished alumnus Rich Miner, co-founder of Android, the company and mobile operating system that Google acquired and launched.

Minimum Qualifications (Required):

- Applicants must hold a PhD. in computer and information sciences or a closely related discipline and must be committed to developing and sustaining externally-funded research programs
- Applicants must demonstrate strong potential to establish and maintain substantial research, teaching, and service, including the ability to publish refereed publications, obtain competitive external grants, and supervisor postgraduate students
- Applicants should have demonstrated capability of academic management and leadership

Link to apply: <https://careers.pageuppeople.com/822/lowell/en-us/job/516548/tenure-track-faculty-miner-school-of-computer-information-sciences-multiple-positions-4-assistant-professor-2-open-rank-2>

The University of Massachusetts Lowell is an Equal Opportunity/Affirmative Action, Title IX employer. All qualified applicants will receive consideration for employment without regard to race, sex, color, religion, national origin, ancestry, age over 40,

protected veteran status, disability, sexual orientation, gender identity/expression, marital status, or other protected class.

University of Memphis

Assistant Professor Computer Science - Tenure Track

The Department of Computer Science at the University of Memphis is seeking candidates for Assistant Professor position(s) beginning Fall 2023. Qualified candidates in all areas of computer science are invited, while candidates with core expertise in emerging areas of systems, software engineering, theory, and cybersecurity are particularly encouraged to apply. Successful candidates are expected to develop externally sponsored research programs, lead or participate in collaborative research projects within Computer Science and beyond, teach both undergraduate and graduate courses and provide academic advising to students at all levels. Candidates from minority and underrepresented groups are highly encouraged to apply.

Applicants should hold a Ph.D. in Computer Science, or a related discipline, and be committed to excellence in both research and teaching a diverse student body. Salary is highly competitive and dependent upon qualifications. We particularly welcome candidates from groups that are historically underrepresented in our field and/or have demonstrated leadership toward building an equitable and inclusive scholarly environment.

The Department of Computer Science (www.memphis.edu/cs) offers B.S., M.S., and Ph.D. programs as well as graduate certificates in Data Science and Information Assurance. The Department has been ranked 55th among CS departments with federally funded research. The Department regularly engages in large federally-funded collaborations across the nation. For example, CS faculty lead the NIH-funded mDOT Biomedical Technology Resource Center and the Center for Information Assurance (CfIA). In addition, CS faculty work closely with multidisciplinary centers at the university such as the Institute for Intelligent Systems (IIS).

University of Memphis is a top-tier research university with a Carnegie R1 designation.

Known as America's Number 1 logistics hub, Memphis has been ranked as one of the "World's Greatest Places" by TIME, as America's 4th best city for jobs by Glassdoor, and 4th in "Best Cost of Living". Memphis metropolitan area has a population of 1.3 million. It boasts a vibrant culture and has a pleasant climate with an average temperature of 63 degrees.

Screening of applications will begin on November 28, 2022, and new applications will continue to be reviewed until the search is completed.

To apply, please visit <https://workforum.memphis.edu/postings/33990>. Include a cover letter, curriculum vitae, teaching and research statements, and three letters of recommendation.

A background check will be required for employment. The University of Memphis

is an Equal Opportunity/Equal Access/
Affirmative Action employer committed to
achieving a diverse workforce.

University of Miami

*Associate Professor or Professor,
Department of Computer Science*

The Department of Computer Science (<https://www.cs.miami.edu>) invites applications for tenure-track or tenure-eligible faculty positions at levels of Associate Professor and Professor. Candidates must possess or expect to receive a PhD in Computer Science or a closely related discipline by the beginning of the appointment, August 15, 2023. In addition, successful candidates must conduct research in Data Science, including areas such as Machine Learning, Deep Learning, Computer Vision, Cognitive Cybersecurity, Blockchain, Real-time Analytics, Streaming Analytics, Cyber-analytics, and Edge Computing, and are expected to develop/maintain an internationally recognized research program. Exceptional candidates in related areas will be considered. The faculty in these positions will be housed primarily in the Department of Computer Science and will have responsibilities in the Institute for Data Science and Computing (IDSC).

Applications should be submitted via the UM Careers website at <https://umiami.wd1.myworkdayjobs.com/UMFaculty>

The University of Miami is an Equal Opportunity Employer - Females/ Minorities/Protected Veterans/Individuals with Disabilities are encouraged to apply.

University of Michigan

Assistant/Associate/Professor

The Robotics Department in the College of Engineering at the University of Michigan, Ann Arbor invites applications for junior or senior faculty positions that will join our mission to accelerate advances in robotics for the benefit of society. Successful candidates will have a relevant doctorate or equivalent experience and an outstanding record of achievement and impactful research in academia, industry, and/or at national laboratories. They will have a strong record or commitment to teaching at the undergraduate and graduate levels, to providing service to the university and to the profession, and to broadening the intellectual diversity of the College.

The Robotics Department seeks to fill three tenure-track faculty positions. One of the positions will focus on the area of perception for robotics. The other two positions do not focus on a specific area. The Robotics Department invites candidates across all research areas relevant to robotics to apply. Women and underrepresented minorities are encouraged to apply.

Please see application instructions and further information at <https://robotics.umich.edu/jobs/>.

Application review will begin on November 15, 2022 and will be reviewed on a rolling basis. All applications submitted by December 16, 2022 will receive full consideration.

The Robotics Department at the College of Engineering is committed to providing its

members with an environment filled with integrity, enthusiasm, and respect. For more information about our values, please see:

<https://robotics.umich.edu/about/values/>

The University of Michigan is one of the world's leading research universities, with \$1.71B in research expenditures (FY2022). It is ranked the #1 public research university by the National Science Foundation, and 3rd best U.S. public university by US News and World Report (2022). With 19 schools and colleges, the University is rich with opportunities for collaboration and cross-disciplinary inquiry. We are located in Ann Arbor, MI, which is ranked the #1 Best College Town in the U.S. by WalletHub (2021), #2 City with the Best Public Schools in America by Niche.com (2021), and #1 Best Places to Live for Families by Fortune (2022).

U-M COVID-19 Vaccination Policy

COVID-19 vaccinations, including boosters when eligible, are required for all University of Michigan students, faculty and staff across all campuses, including Michigan Medicine. This includes those working remotely. More information on this new policy is available on the Campus Blueprint website or the UM-Dearborn and UM-Flint websites.

The University of Michigan is an Affirmative Action, Equal Opportunity Employer with an Active Dual-Career Assistance Program. The College of Engineering is especially interested in candidates who contribute, through their research, teaching, and/or service, to the diversity and excellence of the academic community.

University of Mississippi

Multiple TT Assistant/Associate Professor Openings

The Department of Computer and Information Science in the School of Engineering at the University of Mississippi invites applications for multiple tenure-track faculty positions at the Assistant or Associate Professor level. Applicants must hold a Ph.D. or equivalent in Computer Science or a closely related field by the time of appointment. Applicants must be able to teach various undergraduate and graduate computer science courses, contribute to the development of the Department's growing emphases in data science or computer security, conduct research in related areas, and supervise M.S. and Ph.D. students. Candidates with an established record of teaching and research will be considered for an Associate Professor rank. The Department has an ABET/CAC-accredited undergraduate program and M.S. and Ph.D. programs. Visit <http://www.cs.olemiss.edu> for more information about the Department.

Applicants must apply online at <https://careers.olemiss.edu>, supplying the following documents: a cover letter, a curriculum vitae, research and teaching statements, and three references with email addresses and phone numbers. Combine the documents into a single PDF and upload it in the resume or cover letter slot. Review of applications will begin immediately and continue until the position is filled or an adequate applicant pool is reached. For additional information, contact Dr. Byunghyun Jang at bjang@olemiss.edu.

University of Missouri

Assistant, Associate or Full Teaching Professor

The University of Missouri (MU) Department of Electrical Engineering & Computer Science (EECS) is accepting applications for up to two (2) non-tenure track (NTT) faculty positions at all levels in Computer science. The successful applicants will be responsible for teaching undergraduate Computer Engineering and Computer Science Courses. Successful applicants must have at least an M.S. in Computer Engineering, Computer Science or closely related field by the time appointment begins. Candidates will be evaluated on their background in the fundamentals of Computer Science and possession of a PhD degree, as well as experience in undergraduate teaching in the respective discipline.

https://erecruit.umsystem.edu/psp/tamext/COLUM/HRMS/c/HRS_HRAM_FL.HRS_CG_SEARCH_FL.GBL?Page=HRS_APP_JBPST_FL&Action=U&SiteId=9&FOCUS=Applicant&JobOpeningId=43943&PostingSeq=1

University of Missouri-Kansas City

Assistant/Associate/Full Professor-Position #44509

The University of Missouri-Kansas City (UMKC) Division of Energy, Matter and Systems (EMS) is seeking applications for a cluster hire for full-time, 9-month, benefit-eligible, ranked tenure-eligible faculty positions in RF & Electromagnetics at the Assistant, Associate, or Full

Professor level, starting in Fall 2023. Candidates in all areas of RF & Electromagnetics are encouraged to apply with particular emphasis on: RF Integrated Circuits (RFIC), Microwave/RF Components Design and Fabrication/Integration; Metamaterials and Metasurfaces; Terahertz Science and Components; Applied Electromagnetics in Wireless Communication, Radar, and Antennas; Reconfigurable Intelligent Surfaces; and Electromagnetic Compatibility and Interference. Successful applicants will have access to the state of the art electromagnetic and RF facilities at the SSE and the Missouri Institute of defense and Energy (MIDE). These facilities include state of the art antenna fabrication, antenna characterization, and high-power electromagnetic (HPEM) capabilities. See <https://sse.umkc.edu>.

Apply via the UMKC online application. Use Chrome browser and go to <https://info.umkc.edu/hr/careers/academic-positions/>. Click on View Jobs. Then search for 44509 (the position number), then click on the position for the full job description. At the top right will be an Apply for Job link, click on it (you will be asked to register if you are a new user). Combine all application materials (a letter of interest and teaching philosophy, curriculum vitae, current contact information for a list of at least five current references) into one PDF or Microsoft Word document and upload as a resume attachment.

UMKC is an Equal Opportunity/Access/Affirmative Action/Pro Disabled & Veteran Employer.

University of Missouri-Kansas City

Assistant/Associate/Full Professor - Position #43612

The University of Missouri-Kansas City (UMKC) Division of Computing, Analytics & Mathematics (CAM) is seeking applications for full-time, 9-month, benefit-eligible, ranked tenure-eligible faculty positions in Computer Science at the Assistant, Associate, or Full Professor level, starting in Spring or Fall 2023. Areas of interest include AI, AR/VR, Cybersecurity, Data Science, and other emerging fields. CAM offers undergraduate degrees in Computer Science (ABET-accredited), Information Technology (ABET-accredited), and Mathematics, MS degrees in Computer Science, Data Science, Mathematics, and Statistics, and Ph.D. degrees in Computer Science, Computer Networking and Communication Systems, and Mathematics. See <https://sse.umkc.edu>.

Apply via the UMKC online application. Use Chrome browser and go to <https://info.umkc.edu/hr/careers/academic-positions/>. Click on View Jobs. Then search for 43612 (the position number), then click on the position for the full job description. At the top right will be an Apply for Job link, click on it (you will be asked to register if you are a new user). Combine all application materials (a letter of interest and teaching philosophy, curriculum vitae, current contact information for a list of at least five current references) into one PDF or Microsoft Word document and upload as a resume attachment.

UMKC is an Equal Opportunity/Access/Affirmative Action/Pro Disabled & Veteran Employer.

University of Missouri-Kansas City

Assistant/Associate/Full Professor - Position #44473

The University of Missouri-Kansas City (UMKC) Division of Energy, Matter and Systems (EMS) is seeking applications for a cluster hire for full-time, 9-month, benefit-eligible, ranked tenure-eligible faculty position in Robotics & Autonomous Systems at the Assistant, Associate, or Full Professor level, starting in Fall 2023. Candidates in all areas of Robotics & Autonomous Systems are encouraged to apply with particular emphasis on: Biomechanical Robotics; Unmanned Aircraft; Human-Machine Teaming; Multi-Agent Systems; Automated Manufacturing; and others. Successful applicants will have access to facilities at the SSE and the Missouri Institute of Defense and Energy (MIDE). These facilities have been used to support \$50M in externally awarded grants and contracts from various federal agencies including DOD, NSF, and NIH. See <https://sse.umkc.edu>.

Apply via the UMKC online application. Use Chrome browser and go to <https://info.umkc.edu/hr/careers/academic-positions/>. Click on View Jobs. Then search for 44473 (the position number), then click on the position for the full job description. At the top right will be an Apply for Job link, click on it (you will be asked to register if you are a new user). Combine all application materials (a letter of interest and teaching philosophy, curriculum vitae, current contact information for a list of at least five current references) into one PDF or

Microsoft Word document and upload as a resume attachment.

UMKC is an Equal Opportunity/Access/Affirmative Action/Pro Disabled & Veteran Employer.

University of Nebraska at Omaha

Assistant Professor - Computer Science

Department: Computer Science

The Department of Computer Science at the University of Nebraska at Omaha (UNO) invites applications for a tenure-track Assistant Professor position with an emphasis on Machine learning, Artificial Intelligence, AR/VR, Computer Systems, Computer Security, and Software Engineering. Exceptional candidates in all areas of computer science are encouraged to apply. The candidate should have potential to conduct high quality research, seek research grants, and be committed to excellence in teaching at both undergraduate and graduate levels. The candidate is also expected to engage in interdisciplinary collaborations across the university. This is a full-time, benefits eligible position with an anticipated start date of August 15, 2023. Candidates must have completed an earned doctorate in computer science or related disciplines by the expected start date.

To apply, please visit <http://unomaha.peopleadmin.com/>. A full application, including cover letter, vita, teaching statement, diversity statement, research statement, and contact information for 3 references is required for full consideration.

Review of applications will begin on November 15th, 2022 and will continue until the position is filled. The University has a strong commitment to achieving diversity among faculty and staff.

The University of Nebraska does not discriminate based on race, color, ethnicity, national origin, sex, pregnancy, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, marital status, and/or political affiliation in its programs, activities, or employment. UNO is a VEVRAA Federal Contractor and an E-Verify employer.

University of New Hampshire

Lecturer in Computer Science

The Department of Computer Science of the University of New Hampshire (UNH) invites applications for a benefits-eligible, non-tenure-track Lecturer position to begin August 21, 2023. The principal role of this position is to teach a range of courses in support of the programs offered by the department. We are especially seeking candidates with interests and demonstrated abilities in areas such as programming fundamentals, IT/cloud architecture, software engineering, and the management of student capstone projects. Ideal candidates will have both a passion for teaching and experience in industry. A master's degree or higher in a computing-related discipline is required. UNH actively creates an educational environment that fosters diversity, inclusion and quality engagement for all.

To see more details and to apply go to <https://jobs.usnh.edu/postings/50124>.

University of New Orleans

One Senior Research Associate and Two Postdoctoral Research Positions

The Canizaro Livingston Gulf States Center for Environmental Informatics (GulfSCEI) at the Computer Science department of the University of New Orleans has one senior research associate and two postdoctoral positions open in machine learning, digital twins, cloud computing and environmental informatics. These research positions will primarily focus on a new GulfSCEI project aimed at AI Automation to detect Flood Deficiencies in Flood Water Control Structures. Selected candidates are expected to participate in the design, plan, coordination, and implementation of tasks in support of the project. The project's start date is in January 2023.

See further details and apply at:

<https://ulsuno.wdl.myworkdayjobs.com/en-US/UniversityOfNewOrleans?locations=2c405185165b01919372af8fb40251d2>

University of North Carolina at Chapel Hill

Assistant, Associate, or Full Professor

The Computer Science Department of the University of North Carolina at Chapel Hill invites applications for tenure-track or tenured faculty positions at the Assistant Professor, Associate Professor, or Full Professor level to begin on or after July 1, 2023. We are seeking candidates who embrace excellence in research and teaching, and have a commitment to diversity, mentoring and collaboration.

We are conducting a broad-area search for candidates with a strong research record in areas including, but not limited to, the following: computer vision, computer systems, computational biology, computer security, medical image computing, data science, robotics, and augmented and/or virtual reality.

The Department of Computer Science is committed to supporting the work-life balance of its faculty. The department welcomes applications from individuals who may have had nontraditional career paths, or who may have taken time off for family reasons (e.g., childcare, caring for disabled or elderly family). The department seeks candidates whose research, teaching, or service has prepared them to contribute to our commitment to diversity and inclusion in higher education.

The University of North Carolina at Chapel Hill is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to age, color, disability, gender, gender expression, gender identity, genetic information, national origin, race, religion, sex, sexual orientation, or status as a protected veteran.

For more information, and to apply, please visit <https://unc.peopleadmin.com/postings/243986>

University of North Carolina Wilmington

Assistant Professor - Cyber Security

The Department of Computer Science at University of North Carolina Wilmington

invites applications for a nine-month tenure-track position as an Assistant Professor in Cybersecurity to begin August 2023.

Duties include teaching in the undergraduate and graduate Computer Science programs, maintaining an active research program, and mentoring undergraduate and graduate students.

Minimum Education and Experience Requirements

Ph.D. or equivalent research focused doctoral degree in Cybersecurity, Computer Science, Computer Engineering, or closely related area with at least 18 hours of graduate coursework closely related to the discipline required.

Applicants who are ABD for the terminal degree will be considered if expected PhD completion date is on or before August 1, 2023.

Please apply online at <https://jobs.uncw.edu/postings/26451>

Applications will be accepted until 11:59PM EST on 1/19/2023, the posting closing date.

University of North Carolina at Wilmington is an Equal Opportunity Employer.

University of North Florida

School of Computing - Two Tenure-track Assistant Professors

The School of Computing at the University of North Florida is hiring two (2) tenure-earning positions at the assistant professor rank, to begin August 2023.

To apply and for a full position description, please visit <https://www.unfjobs.org/> and search for position number 300680 or 339940.

University of Northern Colorado

Assistant Professor of Computer Science

The Department of Mathematical Sciences in the College of Natural and Health Sciences at the University of Northern Colorado seeks applications for two tenure-track Assistant Professors of Computer Science. The Department currently offers a B.S. in Mathematics with a Computer Science concentration, a B.S. in Software Engineering that is jointly delivered with the Monfort College of Business, and a Computer Science minor, along with programs in mathematics and mathematics education at the undergraduate and graduate levels. The Department is preparing to inaugurate a B.S. in Computer Science to commence in Fall 2023. The Department is currently comprised of a collegial group of 6 mathematicians, 3 mathematics educators, and a computer scientist, and has a strong focus on excellent teaching.

To apply: <https://careers.unco.edu/postings/5806>

The University of Oklahoma, Norman Campus

Three Faculty Positions in Data Science: Human-Computer Teaming and Interactive Decision Making; Artificial Intelligence Architectures; and Trustable Artificial Intelligence

As part of a multiyear effort to grow world-class data science and data-enabled research across The University of Oklahoma (OU) welcomes applications for a cluster of three (3) faculty positions.

1) Professor or Associate Professor in Human-Computer Teaming and Interactive Decision Making:

Humans and computers have complementary knowledge and skillsets. To solve challenging problems, we need to team this expertise together for effectiveness, reliability, efficiency, and adoption of many data-driven solutions. This area is cross-disciplinary, and we seek a senior faculty member with expertise in one or more of human-computer teaming, visualization, visual analytics, human-machine interaction, decision theory, HCI, human factors and industrial engineering, or cognitive psychology. This faculty member will be a vital core team member in data science and data-driven decision making with a home department in ECE and possible joint appoint in ISE, Computer Science, Psychology, and/or Political Science.

Applications should be submitted online via Interfolio at <http://apply.interfolio.com/112374>

2) Assistant Professor in AI

Architectures: We seek to recruit a transdisciplinary faculty member with expertise in one or more of the following areas: scalable, high-performance software and hardware architectures for AI and advanced analytics, advanced and domain-tailored data science, AI (trustable, science-based, and human-guided), and human-computer teaming. Specific areas of interest include probabilistic, neuromorphic, and novel architectures, software pipelines and operating system architectures to support high-performance analytics, and enable real-time trustable AI and decision-making. Since traditional computing architectures are still based on

solving problems from the 20th century, new computing hardware and software architectures are needed to optimize computing for AI and machine learning and many new approaches to science and engineering. This faculty member will grow and complement work in computer engineering, computer science and the new OU quantum center (CQRT) with a home department in ECE and possible joint appointments where appropriate.

Applications should be submitted online via Interfolio at <http://apply.interfolio.com/112359>

3) Assistant Professor in Trustable AI.

We are seeking an Assistant Professor in Trustable AI. Human-guided, science-based, explainable AI (xAI) are key areas to ensure AI is understandable, reliable, and robust for real-world applications. This faculty member will grow our expertise in one of the most rapidly developing and vital fields of data science, with a primary home in ECE and potentially joint appointments in CS, Psychology, and ISE. We seek a faculty member with expertise in one or more of science-based AI or machine learning (ML), human-guided AI/ML, explainable AI/ML, and closely related topics. This faculty member will be a vital core team member in data science, AI, and data-driven convergent research solutions to global challenges. This faculty member will provide vital capabilities that will empower research in all four strategic verticals and grow the data science ecosystem on campus to create the critical mass in data science needed for the success of the university's strategic plan, Lead On, University.

Applications should be submitted online via Interfolio at <http://apply.interfolio.com/112372>

For inquiries contact

Dr. David S. Ebert, Gallogly Chair Professor
School of Electrical and Computer
Engineering and School of Computer
Science
Associate Vice President of Research and
Partnerships
Director, Data Institute for Societal
Challenges
University of Oklahoma
Email: ebert@ou.edu

Equal Employment Opportunity Statement

The University of Oklahoma, in compliance with all applicable federal and state laws and regulations does not discriminate on the basis of race, color, national origin, sex, sexual orientation, genetic information, gender identity, gender expression, age, religion, disability, political beliefs, or status as a veteran in any of its policies, practices, or procedures. This includes, but is not limited to: admissions, employment, financial aid, housing, services in educational programs or activities, or health care services that the University operates or provides.

University of Oregon

Assistant Professor of Computer Science

Job no: 529431

Work type: Faculty - Tenure Track

Location: Eugene, OR

Categories: Instruction, Computer and Information Science

Department: College of Arts & Sciences

Department: Computer and Information Science

Rank: Assistant Professor

Annual Basis: 9 Month

Application Deadline: December 31, 2022; position open until filled.

Required Application Materials

Candidates are asked to apply online at <https://academicjobsonline.org/ajojobs/22746> by submitting an application letter, a curriculum vitae, a research statement, a teaching statement, and at least three letters of recommendation by 31 December 2022, or until the position has been filled. If you are unable to use this online resource, please contact faculty.search@uoregon.edu to arrange alternate means of submitting application materials.

The University of Oregon is dedicated to the goal of building a culturally diverse and pluralistic faculty committed to teaching and working in a multicultural environment and strongly encourages applications from applicants from underrepresented groups, women, and people with disabilities. Applicants are requested to include in their cover letter information about how they will further this goal. In particular, candidates should describe previous activities mentoring members of underrepresented groups.

Position Announcement

The University of Oregon's Computer Science Department invites applications for a tenure-track position of Assistant Professor in Programming Languages, to begin in the fall of 2023. We seek candidates

specializing in programming languages; candidates should have a strong formal background in programming languages/ logic and have an interest in applying their theoretical investigations to practical issues. Competitive applicants will be capable of outstanding research and teaching at the graduate and undergraduate levels.

The Computer Science Department is well-known for its programming language research, especially for hosting the Oregon Programming Language Summer School; this event attracts ~100 students and ~10 top programming language researchers each summer.

We are a diverse and growing department with strengths in data science, high-performance computing, networking and distributed systems, in addition to programming languages.

Department or Program Summary

The Computer and Information Science Department in the College of Arts and Sciences at the University of Oregon offers BS, MS, and Ph.D. degrees in Computer and Information Science. Instruction is provided by 16 tenure track faculty, 2 emeritus faculty, and 6 career instructor faculty.

The department serves approximately 600 undergraduate and 90 graduate majors and offers a number of general education classes in the discipline. The primary research foci of the tenure track faculty are high-performance computing, data science, networking, and distributed systems with cross-cutting concerns of security and privacy.

Minimum Requirements

Ph.D. in Computer Science or related field at time of appointment.

Preferred Qualifications

Demonstrated commitment and contribution to institutional diversity, equity, and inclusion.

About the University

The University of Oregon is one of only two Pacific Northwest members of the Association of American Universities and holds the distinction of a “very high research activity” ranking in the Carnegie Classification of Institutions of Higher Education. UO enrolls more than 20,000 undergraduate and 3,600 graduate students representing all 50 states and nearly 100 countries. In recent years, the university has increased the diversity of its student body, as well as campus-wide efforts to build a welcoming, inclusive community. UO’s beautiful, 295-acre campus features state-of-the-art facilities in an arboretum-like setting. We are located in Eugene, a vibrant city of 157,000 with a wide range of cultural and culinary offerings, a pleasant climate, and a community engaged in environmental and social concerns. The campus is within easy driving distance of the Pacific Coast, the Cascade Mountains, and Portland.

University of Oregon students and employees are required to be fully vaccinated against COVID-19. For additional information see: <https://coronavirus.uoregon.edu/vaccine>.

The University of Oregon is proud to offer a robust benefits package to eligible employees, including health insurance, retirement plans and paid time off. For more information about benefits, visit <http://hr.uoregon.edu/careers/about-benefits>.

The University of Oregon is an equal opportunity, affirmative action institution committed to cultural diversity and compliance with the ADA. The University encourages all qualified individuals to apply and does not discriminate on the basis of any protected status, including veteran and disability status. The University is committed to providing reasonable accommodations to applicants and employees with disabilities. To request an accommodation in connection with the application process, please contact us at uocareers@uoregon.edu or 541-346-5112.

UO prohibits discrimination on the basis of race, color, sex, national or ethnic origin, age, religion, marital status, disability, veteran status, sexual orientation, gender identity, and gender expression in all programs activities and employment practices as required by Title IX, other applicable laws, and policies. Retaliation is prohibited UO policy. Questions may be referred to the Title IX Coordinator, Office of Civil Rights Compliance, or to the Office for Civil Rights. Contact information, related policies, and complaint procedures are listed on the statement of non-discrimination.

In compliance with federal law, the University of Oregon prepares an annual report on campus security and fire safety programs and services. The Annual Campus Security and Fire Safety Report is available online at <https://clery.uoregon.edu/annual-campus-security-and-fire-safety-report>.

University of Pittsburgh

School of Computing and Information

Tenure-Stream Faculty positions

As the University of Pittsburgh's newest school, the School of Computing and Information (SCI) is a growing interdisciplinary community of faculty, staff and students who are accustomed to progressing through change, thinking beyond boundaries and innovating new approaches to lead our institution and nation to positive change. Since 2017, SCI has hired more than thirty-five faculty members, and we are continuing our growth with multiple openings in the tenure stream this year. At SCI, we particularly seek candidates that support our mission in creating, nurturing and sustaining an equitable environment that values our differences and promoting these values within and beyond our school.

The University of Pittsburgh is building a culturally diverse faculty and strongly encourages applications from women and minority candidates. SCI is fostering an equitable and inclusive community with our scholarship, education and faculty development initiatives, including policies to promote a healthy work-life balance; programs to meet the needs of two career couples; and a commitment to recruit, retain and develop a diverse faculty. Candidates whose research, teaching and service contribute to the academic diversity of our campus and who have demonstrated commitment to working with students from diverse backgrounds are encouraged to apply.

SCI's interdisciplinary research and education includes computer science, information science and library and information science with rich connections to partners in health sciences, medicine, engineering, social sciences, humanities, business and other areas.

About the Position(s)

We have the following openings in the tenure-stream:

- Artificial Intelligence (AI)/Machine Learning/ Natural Language Processing (Assistant Professor, Department of Computer Science)
- Quantum Computing Systems (Assistant Professor, Department of Computer Science)

Minimum required qualifications

- Candidates should hold a PhD degree in computer science, information science or some closely related area
- Candidates should hold the PhD degree by September 2023

Application Process

Individuals interested in these openings may apply at <https://sci.pitt.edu/recruiting>. A completed application includes a cover letter, curriculum vitae, research statement, teaching statement, statement of commitment to creating a diverse and inclusive community and the names and contact information for at least three recommenders for applications for positions at the assistant professor level.

Application review will begin immediately. We anticipate that interviews will begin in January 2023. Please refer to the position descriptions for preferred qualifications and

application deadlines. The anticipated start date is September 1, 2023. Questions about these positions and/or application status should be emailed to sci-recruit@pitt.edu.

The University of Pittsburgh is an Affirmative Action/Equal Opportunity Employer and values equality of opportunity, human dignity and diversity, EOE, including disability/vets.

The University of Queensland

Faculty Positions

About this Opportunity

Ranked in the world's top 50, The University of Queensland (UQ) is one of Australia's leading research and teaching institutions.

The School of Information Technology and Electrical Engineering (ITEE) seeks to appoint established research leaders in Computer Science who show strong accomplishment in one or multiple focus areas including: AI and machine learning, computer vision and multimedia, data mining and information retrieval, and big data management.

Upcoming positions include Associate Professor in Computer Science and Professor in Artificial Intelligence.

It is an exciting time to get involved with the School of ITEE as the School is ramping up its investment in teaching, research and engagement to create an inspiring, diverse and flexible workplace.

Join Our [Data Science](#) discipline and the [UQ AI Collaboratory](#). Help to drive

innovations and build capability in AI research and its application in the realm of big data.

Apply Now via the [UQ Careers portal](#).

University of Rochester

Faculty Positions in Computer Science

The University of Rochester seeks applicants for three tenure-track assistant professor positions in the Department of Computer Science. While exceptional candidates will be considered in any area, we are particularly eager to hire in computer systems (distributed/cloud computing, networks, data management); security/cryptography; and AI/HCI (NLP, core machine learning, neurosymbolic AI, AR/VR). Candidates must have (or be about to receive) a doctorate in computer science or a related discipline.

Computer science at Rochester (<https://www.cs.rochester.edu/>) has a distinguished history of research in artificial intelligence, human-computer interaction, systems, and theory. We nurture a highly collaborative and interdisciplinary culture, with exceptionally strong external funding and with active ties to numerous allied departments, including data science, brain and cognitive science, electrical and computer engineering, linguistics, optics, biomedical engineering, the laboratory for laser energetics, the school of education, and several departments in the medical center. Recent faculty hires have received a host of national honors, including NSF CAREER awards, the MIT TR35 award, honorable mentions in ACM dissertation

competitions, multiple Google research awards, and best paper designations at top-tier conferences.

The University of Rochester is a private, Tier I research institution with approximately 6,600 undergraduates and 5,500 graduate students. We are deeply committed to building a more diverse and representative faculty, and strongly encourage applications from groups underrepresented in computer science and in higher education. The department has a vibrant Women in Computing / Minorities in Computing community, and was a charter member of the AnitaB.org BRAID Initiative, which leveraged funding from major industrial sponsors to foster diversity and inclusivity in the undergraduate program and to rigorously evaluate factors that contribute to change. We are actively working to improve the environment for all underrepresented groups.

Anchoring the Finger Lakes region of western New York State, the greater Rochester area is home to over a million people, and offers outstanding quality of life, with a thriving arts scene, excellent public schools, affordable housing, and a huge range of cultural and recreational opportunities. The University of Rochester is a member of the Upstate NY Higher Education Recruitment Consortium, a concerted effort to facilitate dual-career faculty hires, both within and across institutions.

Applications can be completed at the University of Rochester Faculty Recruiting website <https://www.rochester.edu/faculty-recruiting>. Interested Individuals should submit a cover letter, curriculum vitae, research statement, teaching

statement, key papers (or links to the same), and a statement of commitment to advancing equity and fostering an inclusive and diverse community in academia. Applicants must also arrange for three letters of recommendation to be submitted online.

Applications must be received by December 1, 2022 to be guaranteed full consideration; submissions beyond this date risk being overlooked due to limited interview slots.

The University of Rochester, an Equal Opportunity Employer, has a strong commitment to diversity and actively encourages applications from candidates from groups underrepresented in higher education.

EOE Minorities/Females/Protected Veterans/Disabled

University of Southern California

Professor of Engineering Practice and Director of Information Technology Program

The USC Viterbi School of Engineering seeks outstanding candidates for the position of Director of the Information Technology Program.

This is a full-time, non-tenured, benefits-eligible teaching faculty position at a senior level with administrative responsibilities. We seek candidates committed to excellence in teaching, willing to engage students from a wide range of disciplines and cultural

backgrounds, and with a demonstrated record in diverse areas of technology, curriculum development and engineering education, effective management and interpersonal skills, and achievements commensurate with appointment at the Associate/Full Professor of Practice ranks.

Interested candidates should visit <https://itp.usc.edu/jobs/> to apply. To receive full consideration, all materials should be received by December 1, 2022.

University of Southern California

Faculty Positions

Ming Hsieh Department of Electrical and Computer Engineering

The University of Southern California, one of the nation's top research universities, invites applications for tenured and tenure-track positions in the Ming Hsieh Department of Electrical and Computer Engineering (<https://minghsiehece.usc.edu/>) in the USC Viterbi School of Engineering. We are looking for outstanding faculty candidates in all areas of Electrical and Computer Engineering at all ranks.

The USC Viterbi School of Engineering is committed to increasing the diversity of our faculty and welcome applications from women, those of African, Hispanic and Native American descent, veterans, and individuals with disabilities.

While outstanding candidates from all areas of electrical and computer engineering will be considered, candidates

with research interests in the following areas are especially encouraged to apply: trust/privacy/security, experimental quantum engineering, circuits and systems for AI at the edge, computing for ML and AI at scale, energy-efficient sensing and computing, bio-sensors and bio-interface circuits and systems, computational imaging systems, foundations of machine learning, and human-centered signal processing.

Faculty members are expected to teach undergraduate and graduate courses, mentor undergraduate, graduate, and post-doctoral researchers, and develop a strong funded research program. Interdisciplinary and collaborative research is strongly encouraged. Applicants with interests in research and outreach activities to increase student and faculty diversity are particularly encouraged to apply. Applicants must have a Ph.D. degree, or the equivalent, in electrical and computer engineering or a related field and a strong research and publication record. Applications must include a letter clearly indicating area(s) of specialization, a detailed curriculum vitae, a concise statement of current and future research directions, a teaching statement, and contact information for at least four professional references. Applicants are encouraged to include a succinct statement on fostering an environment of diversity and inclusion. This material should be submitted electronically at <https://usccareers.usc.edu/job/los-angeles/open-rank-assistant-associate-full-professor-of-electrical-and-computer-engineering/1209/37961465472/>. Review

of applications will begin immediately. Applications submitted after January 15th, 2023, may not be considered.

The USC Viterbi School of Engineering is among the top tier of engineering schools in the world with 189 full-time, tenure-track faculty members. The school is home to the Information Sciences Institute and affiliated with the Alfred E. Mann Institute for Biomedical Engineering, the Institute for Creative Technologies, and the USC Stevens Center for Innovation. Research expenditures typically exceed \$210 million annually.

USC is an equal opportunity, affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status, disability, or any other characteristic protected by law or USC policy. USC will consider for employment all qualified applicants with criminal histories in a manner consistent with the requirements of the Los Angeles Fair Chance Initiative for Hiring ordinance.

University of Southern California

Professor of Engineering Practice and Director of Information Technology Program

The USC Viterbi School of Engineering seeks outstanding candidates for the position of Director of the Information Technology Program.

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a senior level with administrative responsibilities. We seek candidates committed to excellence in teaching, willing to engage students from a wide range of disciplines and cultural backgrounds, and with a demonstrated record in diverse areas of technology, curriculum development and engineering education, effective management and interpersonal skills, and achievements commensurate with appointment at the Associate/Full Professor of Practice ranks.

Interested candidates should visit <https://itp.usc.edu/jobs/> to apply.

To receive full consideration, all materials should be received by December 1, 2022.

University of South Florida

Computer Science and Engineering Tenure-Track Positions at All Ranks

The University of South Florida invites applications for tenure-track positions at all ranks Computer Science and Engineering

Applications are invited for multiple tenure-track positions at all ranks in the Department of Computer Science and Engineering. Preference will be given to candidates in strategic research areas that have high funding potential from federal funding agencies including NSF, NIH, DARPA, etc. This includes, but is not limited to, human-centered computing, software engineering, AR/VR, artificial intelligence, cybersecurity, social networks, and other high societal impact areas with a broad set of interested funding agencies. All candidates should have an established record of high-quality

research publications, a commitment to excellence in teaching, and a willingness to collaborate with others in the department. Candidates for senior-level positions should also have an established research program with current funding. We expect successful candidates to contribute to our broadening participating in computing initiative. Candidates must have completed a PhD in computer science or a related discipline by the start time of the position. Affiliation with the USF *Institute for Artificial Intelligence + X* and/or the *Institute of Applied Engineering* is possible for candidates with research areas that meet institute needs. The Institute for AI + X is a university wide research and education center for AI with a focus on collaboration across disciplines. The Institute of Applied Engineering provides agile, best-value engineering solutions to enhance the performance, effectiveness and safety of its sponsors, including the Department of Defense; other federal, state and local agencies; and industry. Successful candidates could start in Spring 2023 or Fall 2023.

Computer Science and Engineering has 28 tenure-track/tenured faculty members, 11 full-time instructional faculty, 2 visiting assistant professors, and 7 staff members/advisors, and offers BS, MS, and PhD degrees, serving over 2600 undergraduates, over 200 masters, and about 100 PhD students. USF CSE has a strong working relationship with *CyberFlorida*. CSE ranks include eleven NSF CAREER awardees, one National Academy of Inventors (NAI) Fellow, three IEEE Fellows, three IAPR Fellows, three AAAS Fellows, and three AIMBE Fellows.

USF CSE is in the top 15% of Computer Science departments in US public universities. This ranking is according to most recent Academic Analytics data based on Scholarly Research Index AAD2020 using default weights for grants, articles, conferences, awards, and citations. For the fiscal year 2020-2021, the CSE had \$4.5 million in research expenditures with funding from NSF, DARPA, NIH, and the industry.

Established in 1964 and currently led by Dean Robert H. Bishop, the College of Engineering at the University of South Florida is ranked #57 among public institutions (#92 overall) by U.S. News & World Report's 2023 engineering graduate school rankings. The college serves more than 6,600 students, offering eleven bachelor's programs, nine are ABET-accredited, as well as 15 master's and eight doctoral degrees. The College is actively engaged in local and global research activities with \$41 million in research expenditures for the fiscal year 2020-2021. The College has 12 major research centers and institutes and is actively engaged in local and global research activities focused on sustainability, biomedical engineering, artificial intelligence, cybersecurity, and transportation.

The University of South Florida is a high-impact global research university dedicated to student success, generates an annual economic impact of more than \$6 billion. Over the past 10 years, no other public university in the country has risen faster in U.S. News and World Report's national university rankings than USF. Serving more than 50,000 students on campuses in Tampa, St. Petersburg and Sarasota- Manatee, USF is designated as

a Preeminent State Research University by the Florida Board of Governors, placing it in the most elite category among the state's 12 public universities. USF has earned widespread *national recognition* for its success graduating under-represented minority and limited-income students at rates equal to or higher than white and higher income students. Learn more at www.usf.edu.

An application package should include a cover letter, curriculum vitae, statements describing research and teaching experience and goals, and the names and contact information of at least three references (one of which must be the current immediate supervisor of the applicant). In your statements, please share your understanding of diversity and how you have been effective at promoting inclusive excellence among diverse populations either in teaching or research. Applicants must electronically submit the application packet as one PDF file to: <https://www.usf.edu/work-at-usf/careers>. For consideration, please apply to the appropriate position level (Assistant Professor, search Job ID #32109, Associate Professor, search Job ID #32110, Full Professor, search Job ID #32111). Applications will be considered starting immediately.

USF celebrates diversity and inclusive excellence in alignment with our Principles of Community. We believe our future success as an institution requires that we attract and retain a diverse workforce. We are proud to be an equal opportunity workplace and an affirmative action employer. All job decisions at USF are made

without regard to race, color, ethnicity, religion or belief, age, disability, sexual orientation, gender identity or any other status protected by the laws or regulations in the locations where we operate. The University of South Florida is an Equal Opportunity/Equal Access/Affirmative Action Institution. Women and minorities are strongly encouraged to apply. Dual career couples with questions about opportunities are encouraged to contact the Department chair. To request disability accommodations in the application and interview process, please notify Khoa Dinh, the EOL Coordinator at (813) 974-9272 at least five working days in advance.

University of South Florida *Instructional Faculty, Computer Science and Engineering*

The University of South Florida invites applications for instructional faculty Computer Science and Engineering

The Department of Computer Science and Engineering is seeking to hire multiple instructional faculty at the levels of Assistant and Associate Professor of Instruction who can teach a broad range of core and elective courses at the undergraduate and graduate levels in computer science, computer engineering, cybersecurity, and information technology. Special emphasis is on candidates who have a strong capability in teaching hands-on skills in cybersecurity. Interest or past experience in advising student organizations for cybersecurity competitions is desired. Candidates must have completed a PhD in

computer science, computer engineering, cybersecurity, information technology, or a related engineering area from an accredited institution. Preference will be given to candidates with industry experience and/or teaching experience in an ABET accredited program. We expect successful candidates to contribute to our diversity and inclusion efforts. This recruitment is for a non-tenure earning full-time 12-month position. Successful candidates are expected to start in spring 2023 or fall 2023.

Computer Science and Engineering has 28 tenure-track/tenured faculty members, 11 full-time instructional faculty, 2 visiting assistant professors, and 7 staff members/advisors, and offers BS, MS, and PhD degrees, serving over 2600 undergraduates, over 200 masters, and about 100 PhD students. USF CSE has a strong working relationship with *CyberFlorida*. CSE ranks include eleven NSF CAREER awardees, one National Academy of Inventors (NAI) Fellow, three IEEE Fellows, three IAPR Fellows, three AAAS Fellows, and three AIMBE Fellows. USF CSE is in the top 15% of Computer Science departments in US public universities. This ranking is according to most recent Academic Analytics data based on Scholarly Research Index AAD2020 using default weights for grants, articles, conferences, awards, and citations. For the fiscal year 2020-2021, the CSE had \$4.5 million in research expenditures with funding from NSF, DARPA, NIH, and the industry.

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at the University of South Florida is ranked #57 among public institutions (#92 overall) by U.S. News & World Report's 2023 engineering graduate school rankings. The college serves more than 6,600 students, offering eleven bachelor's programs, nine are ABET-accredited, as well as 15 master's and eight doctoral degrees. The College is actively engaged in local and global research activities with \$41 million in research expenditures for the fiscal year 2020-2021. The College has 12 major research centers and institutes and is actively engaged in local and global research activities focused on sustainability, biomedical engineering, artificial intelligence, cybersecurity, and transportation.

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An application package should include a cover letter, curriculum vitae, statement describing teaching experience and goals, and the names and contact information of at least three references (one of which must be the current

immediate supervisor of the applicant). In your statement, please share your understanding of diversity and how you have been effective at promoting inclusive excellence among diverse populations in teaching. Applicants must electronically submit the application packet as one PDF file to: <https://www.usf.edu/work-at-usf/careers>. For consideration, please apply to the appropriate position level (Assistant Professor of Instruction, search Job ID #32116 and Associate Professor of Instruction, search Job ID #32118).

Applications will be considered starting immediately.

USF celebrates diversity and inclusive excellence in alignment with our Principles of Community. We believe our future success as an institution requires that we attract and retain a diverse workforce. We are proud to be an equal opportunity workplace and an affirmative action employer. All job decisions at USF are made without regard to race, color, ethnicity, religion or belief, age, disability, sexual orientation, gender identity or any other status protected by the laws or regulations in the locations where we operate. The University of South Florida is an Equal Opportunity/Equal Access/Affirmative Action Institution. Women and minorities are strongly encouraged to apply. Dual career couples with questions about opportunities are encouraged to contact the Department chair. To request disability accommodations in the application and interview process, please notify Khoa Dinh, the EOL Coordinator at (813) 974-9272 at least five working days in advance

University of Southern California

(Open Rank) Lecturer, Senior Lecturer, Associate, or Full Professor of Computer Science Practice

The Department of Computer Science (<http://cs.usc.edu>) at the USC Viterbi School of Engineering (<https://viterbischool.usc.edu/>) has multiple openings for teaching faculty positions at all ranks. These are full time, benefits eligible faculty positions on the non-tenure track. We are seeking candidates to teach both undergraduate and graduate courses. The USC Viterbi School is committed to increasing the diversity of its faculty and welcomes applications from women; individuals of African, Hispanic, and Native American descent; veterans; and individuals with disabilities. We are interested in exceptional candidates at all levels.

This is primarily a teaching position; all candidates are expected to have a strong commitment to teaching and preparation necessary to teach effectively at the BS and MS level in a highly-ranked Computer Science department. Teaching faculty spend the majority of their time on teaching and teaching-related duties, with reduced obligations for research and university service. While we are interested in candidates with backgrounds in all areas of Computer Science, we are particularly interested in candidates with expertise in Algorithms, Artificial Intelligence, Machine Learning, Databases, Computer Games, Programming Languages, Networks/Systems, Software Engineering, Visualization, User Interfaces, and Data

Science. Relevant industry experience is valued for candidates interested in teaching games-related courses. Candidates should have a doctoral degree in Computer Science (or equivalent) by the date of appointment. Salary and benefits are competitive. We are seeking applications at all levels (Lecturer, Senior Lecturer, Associate Professor of Practice, or Professor of Practice).

Applicants should submit their applications [here](#).

Applications must include a cover letter, a detailed curriculum vitae, and names of at least three professional references, at least two of whom must be familiar with, and able to comment on, the applicant's teaching experience. Applications must also include a teaching statement explaining the applicant's relevant experience and approach to teaching, and a separate diversity statement describing the applicant's relevant experience and approach to fostering an environment of diversity. Applicants may optionally include a research statement. Applications should be submitted by January 6, 2023. Applications received after this deadline may not be considered.

The USC Viterbi School of Engineering is among the top tier engineering schools in the world. It counts 189 full-time, tenure-track faculty members, and it is home to the Information Sciences Institute, two National Science Foundation Engineering Research Centers, a Department of Energy EFRC (Energy Frontiers Research Center), and the Department of Homeland Security's first University Center of

Excellence, CREATE. The school is affiliated with the Alfred E. Mann Institute for Biomedical Engineering, the Institute for Creative Technologies, and the USC Stevens Center for Innovation. Research expenditures typically exceed \$210 million annually. With 46 tenure-track, 31 research faculty, and 16 teaching faculty, the USC Department of Computer Science is one of the nation's leading centers of research and education in the field.

The USC Viterbi School of Engineering is committed to enabling the success of dual career families and fosters a family-friendly environment. USC is an equal opportunity, affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status, disability, or any other characteristic protected by law or USC policy. USC will consider for employment all qualified applicants with criminal histories in a manner consistent with the requirements of the Los Angeles Fair Chance Initiative for Hiring ordinance.

University of Southern California

Viterbi School of Engineering Faculty

The Department of Computer Science (<http://cs.usc.edu>) at the USC Viterbi School of Engineering (<https://viterbischool.usc.edu/>) is in a period of significant and sustained faculty growth. We have multiple openings for tenure-track positions in all areas and at all ranks. The USC Viterbi

School is committed to increasing the diversity of its faculty and welcomes applications from women; individuals of African, Hispanic and Native American descent; veterans; and individuals with disabilities. Candidates committed to advancing diversity, equity, and inclusion through research, teaching, and service are strongly encouraged to apply.

We are looking for candidates with a strong commitment to research, doctoral student mentoring, and teaching at the undergraduate and graduate levels. All applicants must have earned a doctorate in Computer Science or a closely related field by the date of appointment.

Applicants should submit their applications online [here](#).

Applications must include a cover letter indicating the applicant's area of specialization, a detailed curriculum vitae, a statement on current and future research directions, a teaching statement, and names of at least three professional references. Applications must also include a statement describing the applicant's relevant experience and approach on fostering an environment of diversity and inclusion. Applications should be submitted by January 6, 2023. Applications received after this deadline may not be considered.

The USC Viterbi School of Engineering is among the top tier engineering schools in the world. It counts 189 full-time, tenure-track faculty members, and it is home to the Information Sciences Institute; two previously awarded National Science Foundation Engineering Research Centers and Department of Energy EFRC

(Energy Frontiers Research Center); and the Department of Homeland Security's first University Center of Excellence, CREATE. The School is affiliated with the Alfred E. Mann Institute for Biomedical Engineering, the Institute for Creative Technologies, and the USC Stevens Center for Innovation. Research expenditures typically exceed \$210 million annually. With 46 tenure-track, 31 research faculty, and 16 teaching faculty, the USC Department of Computer Science is one of the nation's leading centers of research and education in the field.

The USC Viterbi School of Engineering is committed to enabling the success of dual career families and fosters a family-friendly environment. USC is an equal opportunity, affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status, disability, or any other characteristic protected by law or USC policy. USC will consider for employment all qualified applicants with criminal histories in a manner consistent with the requirements of the Los Angeles Fair Chance Initiative for Hiring ordinance.

University of Tampa

Assistant Professor of Computer Science

The Department of Computer Science in the College of Social Sciences, Mathematics, and Education at the University of Tampa invites applications for a full-time, tenure-track position at the

rank of assistant professor beginning in August 2023.

The ideal candidate will have earned a Ph.D. in computer science or a closely related field and have a broad background in computer science. ABD will be considered; however, the terminal degree must be earned by July 2023 as a condition of employment.

Please visit our website to apply at <https://www.ut.edu/about-ut/university-services/human-resources/employment-opportunities>

The University of Tampa is an Affirmative Action/Equal Opportunity Employer.

University of Tennessee, Knoxville

Assistant Professors, School of Information Sciences (2 Positions)

The School of Information Sciences in the College of Communication and Information at the University of Tennessee, Knoxville, seeks two Assistant Professors for 9-month, tenure-track positions starting August 2023. Successful candidates will conduct research, teach, and advise students in our undergraduate and graduate programs. Candidates should show evidence of a developing record of research productivity and teaching effectiveness in the broad areas of information sciences, human-computer interaction (HCI), user experience design (UXD), data science, and information security/integrity. We especially welcome candidates with experience in industry

or other professional settings and demonstrated success working with diverse populations.

See details at: <https://apply.interfolio.com/112008>

University of Tennessee Martin

Chair and Associate Professor

The Computer Science department at UT Martin seeks to fill the Department Chair position with the faculty rank of Associate Professor or Professor (depending on qualifications and experience) of Computer Science beginning January 1, 2023 and will continue until the position is filled. The position is a twelve-month appointment with 50% teaching and 50% administrative responsibilities.

Applications must be submitted at:

<https://www.utm.edu/offices-and-services/human-resources/employment-opportunities.php>

A letter of application with a statement of teaching, research goals, and philosophy of administration and leadership statement, a current CV, graduate transcripts, and contact information for at least three references must be attached.

The review of applications will begin in November 2022 and will continue until the position is filled. Incomplete submissions will not be considered. For more information, click the link above.

The University of Texas at Arlington

Computer Science and Engineering Department

Assistant/Associate/Full Professor

Position ID: F00357P

Job Summary

The Computer Science and Engineering Department at The University of Texas at Arlington invites applications for eight tenure-track Assistant Professor positions across all areas of Computer Science and Engineering and one tenured Associate/ Full Professor position in the broad area of machine learning, artificial intelligence, information retrieval, data analytics, and databases. The tentative start date of all positions will be in Fall 2023. Fields of interest include but are not limited to natural language processing, computer vision, biomedical applications, robotics, computer systems and architecture, networking, cyber-physical systems, software engineering, security, and privacy.

Our key objective is to hire faculty members with outstanding qualifications, who share the university's core values of high standards of excellence in teaching, innovative research, and service, combined with fostering an open and inclusive environment and promoting diversity and participation of groups that are currently underrepresented in engineering fields. A major emphasis will be potential research collaboration within and outside the department.

Essential Duties and Responsibilities

Duties include teaching undergraduate and graduate courses, building and leading a team of Ph.D. student

researchers, developing an externally funded research program that yields top-tier publications, and professional service within UTA and the research community.

Required qualifications

Candidates must have earned (by the start date) a Ph.D. degree in Computer Science, Computer Engineering, or a related area. Candidates for Assistant Professor must have demonstrated exceptional research promise. Candidates for Full Professor must be leading their research area. All candidates must show a strong commitment to teaching excellence.

Preferred qualifications

We value candidates who can contribute to the college's and the department's diversity initiatives. We further welcome experience with teaching or mentoring diverse groups of students, including first-generation college students, low-income students, racial and ethnic minorities, veterans, and women.

University Information

The University of Texas at Arlington is located in the heart of the Dallas-Fort Worth-Arlington metroplex, a vibrant and diverse metropolitan area that is home to over 7 million people, one of the fastest-growing tech economies in the United States, and a wide array of arts, entertainment, and cultural activities. UTA is a comprehensive teaching, research, and public service institution dedicated to the advancement of knowledge through scholarship and creative work. The University is committed to providing access and ensuring student success, and to a culture of innovation, entrepreneurship,

and commercialization of discoveries by our community of scholars. With an enrollment of approximately 46,000 students, UTA is the largest institution in North Texas and the second-largest in the UT System. As a result of its combination of rigorous academics and innovative research, UTA is designated as a Carnegie R- 1 "Very High Research Activity" institution and as a Texas Tier One institution. In 2021, UTA received the Higher Education Excellence in Diversity Award for its deep commitment to diversity, equity, and inclusion in higher education. UTA ranks No. 4 nationally in Military Times' annual "Best for Vets: Colleges" list and No. 1 in Texas for the number of degrees awarded to African American students (Diverse: Issues in Higher Education, 2021). UTA is designated by the U.S. Department of Education as both a Hispanic Serving Institution (HSI) and an Asian American and Native American Pacific Islander-Serving Institution (AANAPISI), and it has the fifth-most ethnically diverse undergraduate population in the United States (U.S. News & World Report, 2023). UTA is among the top 50 performers nationwide for promoting social mobility of its graduates (U.S. News & World Report, 2023), and its approximately 250,000 alumni, including some who occupy leadership positions at many of the 23 Fortune 500 companies headquartered in North Texas, contribute to the UTA's \$22.2 billion annual economic impact on Texas.

Department and College/School Information

The Computer Science and Engineering (CSE) department is ranked #60 in the nation

by csrankings.org (as of September 2022, based on average 2017-22 publication counts) and several areas are ranked in the top 70, including computer security (#48), software engineering (52), operating systems (#18), high-performance computing (#16), mobile computing (#32), databases (#31), AI, machine learning & data mining (#70). In the last few years students and faculty in the department have received distinguished paper awards from prestigious conferences, including PLDI, ASE, SIGMETRICS, MIDDLEWARE, CIDR, CIKM, ECML PKDD, ICAC, ICDE, ICDM, ISSRE, ISSTA, IUI, PSIVT, SIGMOD, SIGCHI, and VLDB.

The CSE department is home to one ACM fellow, four IEEE fellows, one AIMBE fellow, one AFOSY YIP awardee, and eight NSF CAREER awardees. Over \$11M research grants have been awarded to the CSE department between 2021 and 2022.

Diversity Statement

Successful candidates are expected to demonstrate a commitment to diversity and equity in education through their scholarship, teaching, and/or service as well as a strong commitment to teaching, advising, and mentoring undergraduate and graduate students from diverse backgrounds. For more information on UT-Arlington's diversity initiatives, please visit the [Office of Diversity, Equity and Inclusion](#) webpage.

Special Instructions to Applicant

To apply, please go to <http://uta.peopleadmin.com/> and submit the following materials:

Cover letter, curriculum vitae, statement of research, statement of teaching, and contact information of at least

four references. Candidates who have previous teaching experiences may also include unofficial course evaluations. All candidates should also include a statement of contribution to diversity, equity, and inclusion.

Review of applications will begin immediately and will continue until the positions are filled. Questions may be addressed to: Jia Rao (jia.rao@uta.edu)

For more information about UTA, please visit: <http://www.uta.edu/uta>

EEO Statement The University of Texas at Arlington is an Equal Opportunity/Affirmative Action Employer committed to fostering a diverse, equitable and family-friendly environment in which all faculty and staff can excel irrespective of race, national origin, age, genetic or family medical history, gender, faith, gender identity and expression as well as sexual orientation. A criminal background check will be conducted on finalists. The UTA is a tobacco free campus. UTA also encourages applications from veterans.

University of Texas at Dallas

Assistant Professor-Computer Science

The Department of Computer Science in the Erik Jonsson School of Engineering and Computer Science at The University of Texas at Dallas (UT Dallas) invites applications for multiple (8 to 10) tenure-system faculty positions in Computer Science at the rank of Assistant Professor. Applicants from all areas of

computer science are sought. Applicants from emerging and interdisciplinary computing areas, including but not limited to quantum computing, robotics, computational neuroscience, IoT, cyber physical systems, and computational biology are strongly encouraged to apply. Teaching responsibilities will include undergraduate and graduate level courses in the core curriculum and in the candidate's specialization area. In addition to teaching, the positions require an active agenda of research and publication as well as service in the UT Dallas and/or professional community.

Candidates must have a PhD in Computer Science, Software Engineering, or equivalent and demonstrate their commitment to excellence in research, teaching, and service, which includes a strong commitment to principles of diversity, equity, and inclusion. All candidates are expected to work effectively in a highly collaborative, engaging, and dynamic environment comprised of individuals of diverse backgrounds, skills, and perspectives. The appointment commences in the fall semester of 2023. A doctoral degree is required prior to joining; those with ABD status will be considered at the application/interviewing stage.

The Department of Computer Science at UT Dallas is one of the largest in the country, with more than 5,700 students, and offers B.S., M.S., and PhD degrees in both Computer Science and Software Engineering. It also offers degrees in Data Science, Computer Engineering, and Telecom Engineering that are jointly

administered with other departments. According to US News and World Report, it is ranked 3rd in Texas in its field among public universities. The department is home to more than 4,400 undergraduate students, 1,300 graduate students, and 50 tenure track faculty. Our faculty include 17 NSF CAREER awardees, and multiple DoD Young Investigator Program awards. The department is primarily housed in a 150,000 square foot facility and has excellent computing equipment and support. It houses a few centers and institutes, particularly in areas of cyber security, human language technology, AI, machine learning, and software technologies for improved human performance.

Applicants should follow the instructions found here: <https://jobs.utdallas.edu/postings/21280>

University of Texas at Dallas

Associate Professor - Computer Science

The Department of Computer Science in the Erik Jonsson School of Engineering and Computer Science at The University of Texas at Dallas (UT Dallas) invites applications for two tenure-system faculty positions in Computer Science at the rank of Associate Professor. Applicants from emerging and interdisciplinary computing areas, including but not limited to quantum computing, robotics, computational neuroscience, computational biology, and cyber-physical systems are especially encouraged to apply. Teaching responsibilities will include undergraduate and graduate level

courses in the core curriculum and in the candidate's specialization area. In addition to teaching, the positions require an active agenda of research and publication as well as service in the UT Dallas and/or professional community.

Candidates must have a PhD in Computer Science, Software Engineering, or equivalent, a good record of external funding, and demonstrate their commitment to excellence in research, teaching, and service, which includes a strong commitment to principles of diversity, equity, and inclusion. All candidates are expected to work effectively in a highly collaborative, engaging, and dynamic environment comprised of individuals of diverse backgrounds, skills, and perspectives. The appointment commences in the fall semester of 2023.

The Department of Computer Science at UT Dallas is one of the largest in the country, with more than 5,700 students, and offers B.S., M.S., and PhD degrees in both Computer Science and Software Engineering. It also offers degrees in Data Science, Computer Engineering, and Telecom Engineering that are jointly administered with other departments. According to US News and World Report, it is ranked 3rd in Texas in its field among public universities. The department is home to more than 4,400 undergraduate students, 1,300 graduate students, and 50 tenure track faculty. Our faculty include 17 NSF CAREER awardees, and multiple DoD Young Investigator Program awards. The department is primarily housed in a 150,000 square foot facility and has excellent

computing equipment and support. It houses a few centers and institutes, particularly in areas of cyber security, human language technology, AI, machine learning, and software technologies for improved human performance.

Applicants should follow the instructions found here:


<https://jobs.utdallas.edu/postings/21275>

University of Texas at Dallas

Associate Professor - Computer Science (Education)

The Department of Computer Science in the Erik Jonsson School of Engineering and Computer Science at The University of Texas at Dallas (UT Dallas) invites applications for one tenure-system faculty position in Computer Science at the rank of Associate Professor. This search is for applicants with expertise in Computer Science Education. Teaching responsibilities will include undergraduate and graduate level courses in the core curriculum and in the candidate's specialization area. In addition to teaching, the position requires an active agenda of research and publication as well as service in the UT Dallas and/or professional community.

Candidates must have a PhD in Computer Science, Software Engineering, or equivalent, and demonstrate their commitment to excellence in computer science education, research, teaching, and service, which includes a strong commitment to principles of diversity,



UTSA
The University of Texas
at San Antonio™

Department Chair / Tenured Professor - College of Science, Department of Computer Science

The College of Sciences at the University of Texas at San Antonio (UTSA) invites applications for the position of tenured professor/department chair of Computer Science (<https://cs.utsa.edu>) beginning in August 2023. This is a 12-month administrative appointment accompanied by a tenured faculty appointment and full University benefits. Initial screening of applications will begin on 10/15/22, but applications will be accepted until the position is filled

More details about the position, the department, the application requirements and submission process can be found at the UTSA Talent Acquisition website:
<https://apptrkr.com/3545638>

equity, and inclusion. All candidates are expected to work effectively in a highly collaborative, engaging, and dynamic environment comprised of individuals of diverse backgrounds, skills, and perspectives. The appointment commences in the fall semester of 2023.

The Department of Computer Science at UT Dallas is one of the largest in the country, with more than 5,700 students, and offers B.S., M.S., and PhD degrees in both Computer Science and Software Engineering. It also offers degrees in Data Science, Computer Engineering, and Telecom Engineering that are jointly administered with other departments. According to US News and World Report, it is ranked 3rd in Texas in its field among public universities. The department is home to more than 4,400 undergraduate students, 1,300 graduate students, and 50 tenure track faculty. Our faculty include 17 NSF CAREER awardees,

and multiple DoD Young Investigator Program awards. The department is primarily housed in a 150,000 square foot facility and has excellent computing equipment and support. It houses a few centers and institutes, particularly in areas of cyber security, human language technology, AI, machine learning, and software technologies for improved human performance.

Applicants should follow the instructions found here:

<https://jobs.utdallas.edu/postings/21281>

University of Toronto Mississauga

Assistant Professor - Robotics

The Department of Mathematical and Computational Sciences at the University of Toronto Mississauga (UTM) invites applications for a full-time tenure stream

appointment in the area of Robotics. The appointment will be at the rank of Assistant Professor and will commence on July 1, 2023 or shortly thereafter.

Applicants must have a Ph.D. in Computer Science focussing on topics related to robot learning by the time of appointment or shortly thereafter, with a demonstrated record of excellence in research and teaching. We seek exceptional candidates whose research and teaching interests complement and enhance our existing departmental strengths in robotics. They are required to have postdoctoral training experience and a demonstrated record of excellence in robotics and machine learning research, preferably in both academic and industrial settings. The successful candidate must demonstrate strong experience in emerging research areas of robotics that include: robot locomotion, representation learning for control, robot manipulation (reinforcement learning, system identification, control), interactive and multi-task learning, modelling of deformable and granular objects, learning from simulation and sim-to-real transfer.

The successful candidate will be expected to pursue innovative research at the highest international level; to establish an outstanding, competitive, and externally funded independent research program; to contribute to the enrichment of both undergraduate and graduate programs in the department; and to participate in service and leadership within the academic community. The successful candidate will be a member of the tri-campus graduate Department of Computer Science at the University of

Toronto (<https://www.cs.toronto.edu>) and member of the University of Toronto Robotics Institute.

Candidates must provide evidence of excellence in research which can be demonstrated by a record of contributions and publications in top-ranked robotics journals or conferences, or forthcoming publications meeting high international standards, the submitted research statement, presentations at significant conferences, awards and accolades, and strong endorsements by referees of top international stature.

Candidates will also be expected to demonstrate excellence in teaching at the undergraduate and graduate levels through a teaching statement highlighting previous experience that can include leading successful workshops or seminars, student mentorship, delivering conference presentations or posters, or experience as a teaching assistant or course instructor. Excellence in teaching may also be demonstrated through materials such as sample course syllabi (either of courses delivered by the candidate or planned for the future), course evaluations, or other evidence of superior performance in teaching-related activities submitted as part of the application. Professional or lived experiences that enhance the ability to teach a diverse student body are highly valued.

At UTM we are committed to fostering an environment of diversity and inclusion. With an enviable diverse student body, we especially welcome applications from candidates who identify as Indigenous, Black, or racially visible (persons of colour), and who have experience

working with teaching or mentoring diverse groups or students. Candidates must demonstrate, in their application materials, an ability to foster diversity on campus and within the curriculum or discipline, and must show evidence of a commitment to equity, diversity, inclusion, and the promotion of a respectful and collegial environment. Candidates must submit a statement describing their contributions to equity, diversity, and inclusion, which might cover topics such as (but not limited to): teaching that incorporates a focus on underrepresented communities; efforts undertaken to develop inclusive pedagogies, collaboration, and engagement with underrepresented communities; and mentoring of students from underrepresented groups. If you have questions about this statement, please contact Professor Ilia Binder at ilia.binder@utoronto.ca.

The University of Toronto is an international leader in Computer Science research and education and offers the opportunity to teach, conduct research, and live in one of the most diverse metropolitan areas in the world. For more information about the tri-campus graduate Department of Computer Science see our website at <https://www.cs.toronto.edu>.

Salary will be commensurate with qualifications and experience.

Application materials for the position must be submitted online through AcademicJobsOnline at <https://academicjobsonline.org/ajo/jobs/23980>.

The required materials are a cover letter, the candidate's curriculum vitae, list of publications, research statement, teaching statement, and at least three letters of reference (recently written, on letterhead, signed and dated) uploaded to AcademicJobsOnline directly by the writers. For enquiries, please contact Julia Martyn, Chair's Assistant, at julia.martyn@utoronto.ca.

Applications will be accepted until January 19, 2023, and applicants should submit all materials (including reference letters) by this date.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Diversity Statement

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour, women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ2S+ persons, and others who may contribute to the further diversification of ideas.

Accessibility Statement

The University strives to be an equitable and inclusive community, and proactively seeks to increase diversity among its community members. Our values regarding equity and diversity are linked with our unwavering commitment to excellence in the pursuit of our academic mission.

The University is committed to the principles of the Accessibility for Ontarians with Disabilities Act (AODA). As

such, we strive to make our recruitment, assessment and selection processes as accessible as possible and provide accommodations as required for applicants with disabilities.

If you require any accommodations at any point during the application and hiring process, please contact uoft.careers@utoronto.ca.

University of Toronto

Multiple Tenure Stream Positions

The *Department of Computer Science* at the University of Toronto invites applications for multiple positions with appointments commencing on July 1, 2023, or shortly thereafter.

Individuals are encouraged to apply to any and all relevant positions.

For the most up-to-date information, including deadlines, application instructions, and new postings, please visit <https://web.cs.toronto.edu/employment-opportunities> or contact recruit@cs.toronto.edu.

We are accepting applications for tenure stream positions in:

All areas of Computer Science

(UTSG, Assistant Professor)

Review of applications will begin on **November 15, 2022**, and applicants should endeavour to submit all materials by this date, however, applications will continue to be accepted until **January 9, 2023**.

All areas of Computer Science (UTSC, Assistant or Associate Professor)

Review of applications will begin on **November 16, 2022**, and applicants should endeavour to submit all materials by this date, however, applications will continue to be accepted until **January 9, 2023**.

Computer Security (Software Security, Cryptography) (UTM, Assistant Professor)

Review of applications will begin on **December 6, 2022**, and applicants should endeavour to submit all materials by this date, however, applications will continue to be accepted until **January 9, 2023**.

Machine Learning/Deep Learning (UTSG, Assistant Professor) Applications will be accepted until **December 12, 2022**.

We are accepting applications for the **Teaching Stream** (UTSG, Assistant Professor, Contractually Limited Term Appointment). Applications will be accepted until **November 7, 2022**.

The University of Toronto is an international leader in research and education in computer science. Our faculty teach, conduct research, and live in one of the most diverse metropolitan areas in the world. The Department of Computer Science spans three campuses at the University of Toronto. Each position includes an appointment with the tri-campus Graduate Department of Computer Science and an appointment at one of our campuses: *Department of Computer Science, University of Toronto St. George* (UTSG); *Department of Computer and Mathematical Sciences, University of Toronto Scarborough* (UTSC); or *Department of Mathematical and Computational Sciences, University of Toronto Mississauga* (UTM).

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour, women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ2S+ persons, and others who may contribute to the further diversification of ideas.

University of Tulsa

Assistant/Associate/Full Professor of Cyber Studies

The School of Cyber Studies at the University of Tulsa (TU) is seeking a full-time open-rank tenure-track faculty member beginning August 2023. As part of its new strategic plan, TU is building on its long history of excellence in cyber security, having recently established a new, interdisciplinary School of Cyber Studies to house B.S., M.S. and Ph.D. programs. We welcome applicants from any areas of cyber security and privacy but are especially interested in the following: incident response, cyber operations, system security, and critical infrastructure protection.

The successful candidate will possess a strong record of research and demonstrate clear potential for establishing a vibrant research program in cyber security that attracts external funding and enhances the reputation of the School and TU. The successful candidate will collaborate with current

faculty to develop and teach courses for the B.S. in Cyber Security, in addition to teaching in graduate programs.

Rank and salary are commensurate with academic qualifications, teaching and industry experience. We especially encourage applications from underrepresented groups such as Women, Black/African American, Hispanic/Latino, American Indian or Alaskan Native.

Applications will be reviewed upon receipt, and candidates are encouraged to submit their completed applications by November 30, 2022.

For more information on requirements and to apply, please visit

<https://universitytulsa.peopleadmin.com/postings/6823>

The University of Tulsa is an Equal Opportunity Employer including Disability/Veteran.

University of Tulsa

Assistant Professor of Computer Science - Data Science and Machine Learning

The Tandy School of Computer Science at The University of Tulsa (TU) seeks candidates to fill one tenure-track position at the Assistant Professor level. The position is designated for Data Science and Machine Learning. Applicants should have a PhD in Computer Science or related field, possess a strong record of research in their area of expertise and demonstrate clear potential for advancing the international recognition of TU in the areas. Applicants should also demonstrate a professional focus on pedagogy and

commitment to the development of a strong curricula in Data Science that prepares students to lead efforts in advancing this field. The successful applicant is expected to engage in scholarly research, show potential to build an externally funded research program, and teach both undergraduate and graduate courses primarily in the areas of Data Science and Machine Learning.

Applicants should submit the following documents through TU's online application portal (<https://universitytulsa.peopleadmin.com/postings/6828>): (1) a CV, (2) a teaching statement, (3) a research statement, and (4) contact information for at least three references. Inquiries may be directed to dsmifacultysearch22@utulsa.edu.

Applications will be reviewed upon receipt. Candidates are encouraged to submit completed applications by November 14, 2022. The search will remain open until the position is filled.

The University of Tulsa seeks to recruit and retain talented students, faculty and staff from diverse backgrounds. The University of Tulsa is an affirmative action/equal opportunity employer and encourages qualified candidates across all group demographics to apply. The University does not discriminate on the basis of personal status or group characteristic including but not limited to race, color, religion, national or ethnic origin, age, sex, disability, veteran status, sexual orientation, gender identity or expression, genetic information, ancestry, or marital status.

The University of Tulsa is an Equal Opportunity Employer including Disability/Veteran.

University of Tulsa

Assistant Professor of Computer Science - Computer Simulation and Gaming

The Tandy School of Computer Science at The University of Tulsa (TU) seeks candidates to fill one tenure-track position at the Assistant Professor level. The position is designated for the area of Computer Simulation and Gaming. Applicants should have a PhD in Computer Science or related field, possess a strong record of research in their area of expertise and demonstrate clear potential for advancing the international recognition of TU to support our Computer Simulation and Gaming (CSG) program. The successful applicant is expected to engage in scholarly research, show potential to build an externally funded research program as well as teach both undergraduate and graduate courses primarily in the areas of Computer Simulation and Gaming. We seek applicants with experience in game development, object-oriented programming, game engines (e.g., Unity and Unreal), UI and UX design, and AR/VR development.

Applicants should submit the following documents through TU's online applications portal (<https://universitytulsa.peopleadmin.com/postings/6834>): (1) a CV, (2) a teaching statement, (3) a research statement, and (4) contact information for at least three references. Inquiries may be directed to csgfacultysearch22@utulsa.edu.

Applications will be reviewed upon receipt. Candidates are encouraged to submit completed applications by November 14, 2022. The search will remain open until the position is filled.

The University of Tulsa seeks to recruit and retain talented students, faculty and staff from diverse backgrounds. The University of Tulsa is an affirmative action/equal opportunity employer and encourages qualified candidates across all group demographics to apply. The University does not discriminate on the basis of personal status or group characteristic including, but not limited to race, color, religion, national or ethnic origin, age, sex, disability, veteran status, sexual orientation, gender identity or expression, genetic information, ancestry, or marital status.

The University of Tulsa is an Equal Opportunity Employer including Disability/ Veteran.

University of Utah

All Areas of Computing – Assistant/ Associate/Professor Positions

The School of Computing at the University of Utah seeks applications for tenure-track/tenured faculty in all areas of computer science/computing, and at all ranks, to fill multiple available positions. The School of Computing values candidates engaged in cross-area and interdisciplinary research.

The University of Utah is a Carnegie Research I Institution, and the School of Computing is an exciting, growing school with more than a 50-year history of excellence in computer science education, innovation, and research. The School encourages collaborative research and curriculum development among its collegial faculty. The current faculty of 63 is comprised of 51 tenure-

track, 3 research, and 9 lecturing faculty. Additional information about the School and our current faculty can be found at <http://www.cs.utah.edu>.

The University of Utah's School of Computing is committed to recruiting, welcoming, and supporting a diverse community of undergraduate and graduate students, postdoctoral candidates, research scientists, staff, and faculty. To demonstrate this commitment, we have created the Utah Center for Inclusive Computing to broaden participation in the undergraduate majors (see ucic.cs.utah.edu). To build a more diverse and representative faculty, we strongly encourage applications from populations underrepresented in computing, as well as candidates with nontraditional backgrounds. The School is also committed to addressing lifestyle priorities and will work with candidates to develop opportunities for spouses and partners.

Salt Lake City is a desirable place to live, with a vibrant downtown showcasing cultural activities and dining options. Utah is renowned for its access to the outdoors, including world-class hiking and skiing opportunities. The University of Utah provides a generous benefits package with a variety of medical and dental plans from which to choose. Other important benefits include retirement, tuition reduction, a wellness program, and an Employee Assistance Program.

Candidates may apply through the following URL: <https://utah.peopleadmin.com/postings/140276>

A PhD in computer science or a related field is required. Candidates are requested

to submit a cover letter, CV, 3 references, and statements for research and teaching. We also require a one-page statement that describes how the candidate will contribute to fostering an inclusive research and teaching environment in the School of Computing. (uploaded as "Applicant Document – Other").

Review of applications will begin after November 1 and will continue until the position is filled. The University of Utah is an Equal Opportunity/Affirmative Action employer and educator. Minorities, women, veterans, and persons with disabilities are strongly encouraged to apply. Veterans' preference is extended to qualified veterans. Reasonable disability accommodations will be provided with appropriate notice. For additional information about the University's commitment to equal opportunity and access see: <http://www.utah.edu/nondiscrimination>

University of Utah

Tenure-Track and Teaching Faculty Positions in Games

The University of Utah Entertainment Arts and Engineering Program (EAE) is undergoing remarkable growth in its scholarly and academic efforts in Games and has multiple career-line (lecturing), tenure track, and tenured faculty positions available at its campus in Salt Lake City, UT. Applications are welcome from all areas of games teaching, research, scholarship and creative activity. We especially welcome applicants whose scholarship and service further EAE's goals around diversity and inclusion.

Professional Opportunities

The University of Utah's EAE Program is a world leader in games education, with consistently top-ranked programs at both the undergraduate and graduate levels. The EAE faculty includes artists, computer scientists, designers, games studies scholars, and social scientists who collaborate to conduct scholarly research and teach courses in game-related disciplines. EAE has received significant new support from the College of Engineering and is in the process of building major new program strengths in both teaching and research/creative scholarship. If you are interested in joining us to create ideas that advance our understanding of games, to share those ideas with our students, our community, and society, and to apply those ideas to change society for the better, we strongly encourage you to apply.

EAE values interdisciplinary approaches to research and education, and strongly advances collaboration across the University of Utah campus. For example, EAE has a joint degree with the David Eccles School of Business and supports an emphasis in games within the School of Computing's BS in Computer Science. EAE shares faculty with the Departments of Philosophy and Population Health Sciences, as well as with the Kahlert School of Computing. It has ongoing collaborations in teaching and research with the College of Education, the Department of English, the School of Medicine, as well as other campus partners. Additionally, EAE maintains strong collaborations with a vibrant local game development community and other significant game industry-wide partners.

The University of Utah is a Carnegie Research I institution located in Salt Lake City nestled in the foothills of the Wasatch Mountains. With an enrollment of 33,700 students, it is the flagship university for the state of Utah. The university administration provides strong support for faculty research and teaching in the EAE Program. The University of Utah's Entertainment Arts and Engineering Program is committed to recruiting, welcoming, and supporting a diverse community of undergrad and graduate students, postdocs, scientists, staff, and faculty (see <https://games.utah.edu/equity-diversity-inclusion/> for EAE's ongoing activities to advance EDI in our community). We encourage applications from members of any marginalized or historically underrepresented groups and from candidates who can contribute, through their research, teaching, and/or service, to the diversity and excellence of our academic community. The program also values candidates who have experience working in settings with students from diverse backgrounds and possess a strong commitment to improving access to higher education for historically underrepresented students.

Applicants for associate professor, tenure-line positions must hold a Ph.D. in a games-related field, have an established international reputation, and have demonstrated exceptional impact, scholarly productivity, and leadership. Applicants for assistant professor, tenure-line positions must hold a Ph.D. in a games-related field and demonstrate potential for the same level of impact, productivity,

and leadership. Candidates are also expected to demonstrate an exceptional commitment to the teaching and mentoring of undergraduate and graduate students. Application materials for either rank must include a cover letter, research statement, teaching statement, curriculum vitae, and the contact information of at least three references. We also require a one-page statement that describes how the candidate will contribute to fostering an inclusive research and teaching environment in the Entertainment Arts and Engineering Program.

Applicants for career-line, lecturing positions must hold a terminal degree in a games-related field (e.g., Ph.D. in computer science, MFA in Art). Successful candidates are expected to teach undergraduate and masters-level graduate courses. Candidates are also expected to contribute to university and professional service. Research and creative activity are appreciated but not required. Application materials must include a cover letter, teaching statement, curriculum vitae, the contact information of at least three references, and, if available, evidence of teaching effectiveness. We also require a one-page statement that describes how the candidate will contribute to fostering an inclusive research and teaching environment in the Entertainment Arts and Engineering Program.

- To apply for the tenure-line assistant professor or associate professor positions: <https://utah.peopleadmin.com/postings/141912>
- To apply for the career-line assistant professor positions: <https://utah.peopleadmin.com/postings/141936>

Interested applicants can also visit <https://games.utah.edu/job-listings/> for more information on the positions and the role they will play in the growth of our program on campus and beyond.

Applications must be submitted on-line. To ensure full consideration, applications should be received by December 31, 2022, but will continue to be accepted until all positions are filled.

University of Utah

Tenured/Tenure-Track Faculty Position in Visualization

The University of Utah's Scientific Computing and Imaging Institute (SCI), jointly with the School of Computing (SoC), is seeking to fill an open rank (assistant, associate, or full) tenure-track faculty position in visualization. While we will consider all areas of visualization, we are particularly interested in candidates with expertise and an established research record in information visualization and/or visual analytics. These interest areas reflect our strong research reputation in information, scientific, and biomedical visualization, image analysis, and interdisciplinary scientific computing within the SCI Institute. Examples of recent collaborative enterprises a candidate could contribute to are the SCI-Humanities Research Initiative (a collaboration with the College of Humanities), or the Computational Oncology Research Initiative (a collaboration with the Huntsman Cancer Institute). The SCI Institute is committed to broadening participation in the field

of visualization and values candidates with diverse intellectual, cultural, and ethnic backgrounds, and who possess a strong commitment to improving access to research training for historically underrepresented students. The SCI Institute is also committed to addressing lifestyle priorities and is open to exploring opportunities for spouses and significant others. Applicants should have earned a Ph.D. in computer science or a closely related field.

All candidates are invited to submit (1) a curriculum vitae, (2) a cover letter that describes their professional experience (including scientific accomplishments, leadership responsibilities and 3 references), (3) a research statement, (4) a teaching statement. We also require (5) a one-page statement that describes how the candidate will contribute to fostering an inclusive research and teaching environment at the SCI Institute (uploaded as "Applicant Document - Other"). In these documents, candidates should discuss their vision for interdisciplinary, computational research and how it will integrate with existing strengths at the University of Utah. This research should fit in the context of the SCI Institute's mission of multidisciplinary bridge building (<http://www.sci.utah.edu/the-institute/bridges.html>) and our mission to increase access to computing research and training to underrepresented minorities.

The University of Utah especially values candidates who have experience working in settings with students from diverse backgrounds. The University of Utah recognizes that a diverse faculty

benefits and enriches the educational experiences of the entire campus and greater community. This institution offers benefits to spouses and domestic partners, regardless of gender and sexual orientation. The University of Utah is located in Salt Lake City, the hub of a large metropolitan area with excellent cultural facilities and unsurpassed opportunities for outdoor recreation only a few minutes drive away. Visit <https://www.cs.utah.edu/about/this-is-utah/> for more information. If you have questions, please contact Alexander Lex (alex@sci.utah.edu), the search committee chair.

University of Utah

Senior Faculty Position in Computational Oncology

(2022 Posting: PRN00925CF)

The Scientific Computing and Imaging (SCI) Institute at the University of Utah is growing and pursuing multiple new faculty hires over the next 3 years. These hires will expand the core research expertise at the SCI Institute, further enhance its strong research reputation in scientific, information, and biomedical visualization; image and data analysis; and interdisciplinary scientific computing.

This specific recruitment is for a senior-level tenure track faculty position within the SCI Institute as part of a new faculty Cluster in Computational Oncology (CCO). Advanced computing, data science, imaging, and visualization are central to solving fundamental problems in cancer research and care.

CCO is a highly innovative collaboration between Huntsman Cancer Institute, the University of Utah's Comprehensive Cancer Center and the Scientific Computing and Imaging Institute at the University of Utah. Together we leverage our internationally renowned research strengths to make lifesaving advances in the prevention, detection, diagnosis, and treatment of cancer.

For the Computational Oncology leader position, the SCI Institute is looking for an established researcher at the Associate or Full Professor level in an area that aligns with SCI's core research thrusts, i.e., scientific, information, and biomedical visualization, image and data analysis, and interdisciplinary scientific computing, with demonstrated leadership in applications to Oncology. Candidates whose research expertise integrates social and technical aspects are of particular interest, as are candidates who can contribute to the University's diversity. The successful candidate is expected to help coordinate joint initiatives, proposals, and faculty recruitment between the SCI Institute and HCI including the Computational Oncology Research Initiative (CORI) and other Cancer Informatics initiatives. The faculty member is expected to become a Cancer Center member, and as appropriate, may be considered for an adjunct position in the Department of Oncological Sciences.

All candidates are invited to submit a curriculum vitae, a cover letter containing a description of professional experience (including scientific accomplishments, leadership responsibilities and 3 references), a research plan (up to 3 pages),

and teaching strategy (up to 1 page) to the University of Utah HR. Applicants should describe their vision for interdisciplinary, computational oncology research leadership within the context of the SCI Institute's mission of multidisciplinary bridge building (<http://www.sci.utah.edu/the-institute/bridges.html>), especially collaborations with researchers within the Huntsman Cancer Institute.

The University of Utah is an Equal Opportunity/Affirmative Action employer and educator. Minorities, women, veterans, and persons with disabilities are strongly encouraged to apply. Veterans' preference is extended to qualified veterans. Reasonable disability accommodations will be provided with appropriate notice. For additional information about the University's commitment to equal opportunity and access see: <http://www.utah.edu/nondiscrimination/>.

The University of Utah values candidates who have experience working in settings with students from diverse backgrounds and possess a strong commitment to improving access to higher education for historically underrepresented students.

For additional questions, please contact Chris Johnson (crj@sci.utah.edu) Search Committee Chair.

About the SCI Institute

Over more than two decades, the SCI Institute has established itself as an internationally recognized leader in translational innovations across computational and data science with

leading research and training programs in the areas of visualization, scientific and biomedical computing, and image analysis applied to a broad range of challenging problems. For example, the SCI Institute is ranked by CSRankings (<http://csrankings.org>) as housing the top visualization and high performance computing group internationally.

University of Virginia

Computer Science

Open Rank Tenure Track Faculty Positions

The Department of Computer Science at the University of Virginia seeks 7 tenured or tenure-track faculty at all ranks and in all areas of computer science. We are seeking a comprehensive expansion of the department to strengthen and build bridges across our research priorities in Theory, Software Engineering and Programming Languages (including Compilers), Security and Privacy, Human-Computer Interaction, Cyber-Physical Systems and the Internet of Things, Computer Systems and Engineering (including Distributed Systems, High-Performance Computing, Networks, Operating Systems), and Artificial Intelligence and Machine Learning (including Computer Vision), as well as building bridges between these topic areas and other areas of Computer Science.

The CS Department's strategic plan also includes an expansion of our Computer Engineering program. At the University of Virginia, this is jointly administered by the Department of Computer Science and the Department of Electrical and

Computer Engineering (ECE). We are therefore coordinating our faculty searches. Joint administration facilitates close collaboration between the two departments, and students in Computer Engineering may be advised by faculty in either department. The departments are also founding members of the Link Lab, a multi-disciplinary center for research on Cyber-Physical Systems, the Internet of Things, and autonomous devices. We are especially interested in candidates who have the potential to collaborate with colleagues in both departments.

The primary responsibilities for these positions include research, teaching, and service to the department and the community at large. The appointment rank will be commensurate with experience and qualifications. Candidates must have received a doctorate or equivalent in a computing field by the start of their appointment. A commitment to high-impact scholarship, funded research, undergraduate- and graduate-level teaching and advising excellence, and professional service is essential, as is evidence of a commitment to fostering inclusive practices that create climates in which all stakeholders can achieve their maximum potential. UVA is proud to have a strong culture of collaboration and collegiality and is committed to providing the kind of collaborative, diverse environment necessary to solve the next generation of research challenges.

Please view the position advertisement here: [Open Rank Faculty positing - Department of Computer Science](#)

If your interests lie in the Computer Engineering topic areas, please also consider reading the [Electrical and Computer Engineering posting](#) to determine whether it might be appropriate for you to respond to one or both postings.

Review of applications will begin on December 1, 2022, and will continue until the positions are filled. The University will perform background checks on all new faculty hires prior to making a final offer of employment.

For questions about these positions, please contact Kevin Skadron, Professor, at skadron@virginia.edu.

For questions about the application process, please contact Richard Haverstrom, Faculty Search Advisor, at rk6j@virginia.edu

In addition to this position, senior graduate students are eligible and encouraged to consider the UVA Engineering Rising Scholars program. This program is designed to encourage early-career scholars to pursue a career in academia by supporting their postdoctoral work before beginning in a tenure-track position at the University of Virginia. Detailed information and application instructions are available at <https://engineering.virginia.edu/rising-scholars-postdoctoral-program>.

The University of Virginia is annually ranked as one of the premier public institutions in the United States and is located in Charlottesville, a picturesque and vibrant small city perennially ranked

as one of the best places to live in the U.S. More information about town, the school, faculty benefits and other topics can be found at <https://hr.virginia.edu/careers-uva/why-uva>.

UVA assists faculty spouses and partners seeking employment in the Charlottesville area. To learn more please visit <https://dualcareer.virginia.edu/>.

With one of the highest graduation rates of underrepresented undergraduate students and one of the highest percentages of women engineering students among public universities, the Department and the University of Virginia are fundamentally committed to increasing the diversity of its faculty and staff. UVA is an affirmative action and equal opportunity employer. We welcome nominations of and applications from women, members of underrepresented populations, veterans and individuals with disabilities.

University of Virginia

Computer Science

Teaching Faculty Position

The Department of Computer Science at the University of Virginia seeks General Faculty applications for one or more non-tenure-track open rank (Lecturer, Assistant, Associate or Professor) teaching-faculty positions to begin in August 2022 and beyond. We seek applicants who share our interest and enthusiasm for excellence in computing science education to join

our department of 58 faculty, including 17 teaching faculty. We are especially seeking faculty who can teach courses in computer organization, systems, theory, databases, cloud computing, mobile computing, and AI, but are hiring in all areas of CS. Rank is dependent upon experience and qualifications.

The department is committed to creating and benefiting from an environment where a diverse group of capable, inspired individuals interact and collaborate to learn and advance knowledge without barriers.

Candidates must, by the time the position starts, have a Master, PhD, or equivalent experience in computer science or a related discipline. They must have an interest in and ability to teach a broad set of courses in our undergraduate curriculum. Course load will be two to three sections per semester consisting of a mix of upper- and lower-division courses. Graduate-level teaching will possibly be included. Faculty will have service responsibilities, and scholarship in computing or in CS education is expected for promotion. The department strongly values scholarship activities by General Faculty that have potential to advance computing education.

These positions will have renewable three-year contracts. University policies ensure that these positions benefit from opportunities for professional development, and there is a well-defined promotion path for these positions. General Faculty receive departmental support for their teaching and scholarship activities.

The University of Virginia is annually ranked as one of the premier public institutions in the United States. The University is located in Charlottesville, VA a picturesque and vibrant small city perennially ranked as one of the best places to live in the U.S. More information about town, the school, faculty benefits and other topics can be found at <https://provost.virginia.edu/subsite/faculty-affairs/new-faculty-candidate-resources>.

Please apply online: [Department of Computer Science - General Faculty](#)

Review of completed applications will continue until the position is filled.

For questions about the position, please contact Dr. Raymond Pettit, Associate Professor, at rp6zr@virginia.edu.

For questions about the application process, please contact Richard K. Haverstrom, Faculty Search Advisor, at rk66j@virginia.edu.

With one of the highest graduation rates of minority undergraduate students and one of the highest percentages of women engineering students among public universities, the University of Virginia is fundamentally committed to increasing the diversity of its faculty and staff. UVA is an affirmative action and equal opportunity employer.

University of Washington

Assistant Professor of Human-Centered Design & Engineering

The Department of Human-Centered Design & Engineering (HCDE) at the

University of Washington is hiring an Assistant Professor to demonstrate excellence in teaching and research programs in our dynamic, interdisciplinary intellectual community in Autumn 2023.

For more information and to apply:
<https://apply.interfolio.com/115836>

University of Washington

Postdoctoral Scholar - Studying Rapid Response Misinformation Mitigation Efforts

The University of Washington Center for an Informed Public (CIP) invites applications for a Postdoctoral Scholar to work on a National Science Foundation funded project titled "Building Rapid-Response Frameworks to Support Multi-Stakeholder Collaborations for Mitigating Online Disinformation". In collaboration with project PIs Drs. Kate Starbird, Emma Spiro, and Jevin West, the postdoctoral scholar will lead the iterative design and evaluation of a multi-stakeholder, data science collaboration working to mitigate online mis- and disinformation. The work will include participant observation of collaborative data analysis, interviews with diverse stakeholders, and iterative design work to improve the tools and broader socio-technical system that support this work.

For more information and to apply:
<https://apply.interfolio.com/115941>

University of Waterloo

Assistant Professors (2), Artificial Intelligence

The Department of Electrical and Computer Engineering in the Faculty of Engineering at the University of Waterloo welcomes applications for two tenure track positions at the rank of Assistant Professor in Artificial Intelligence (AI) with an anticipated start date of June 1, 2023. Note, for exceptional candidates, an appointment at the rank of Associate Professor or Professor will be considered.

Based on qualifications and rank hired, annual salary will typically range from \$125,000 to \$175,000.

Interested candidates should submit the following: a cover letter, a current curriculum vitae, a research statement, a statement of teaching philosophy and goals, two to four selected publications, and the names of three references to <https://ecefes.uwaterloo.ca/OFAS/index.php>.

Applications will be considered upon receipt, with full consideration assured for those received by January 1, 2023.

University of Waterloo

Tenure-track Faculty positions, Computer Software and Computer Hardware

The Department of Electrical and Computer Engineering at the University of Waterloo invites applications for four tenure track positions at the rank of Assistant Professor with an anticipated start date of July 1, 2023. We seek outstanding researchers working in the

broad areas of Computer Engineering and Computer Science, including both software and hardware. For exceptional candidates, an appointment at the rank of Associate Professor or Professor will be considered.

Based on qualifications and rank hired, annual salary will typically range from \$125,000 to \$175,000.

Interested candidates should submit the following: a cover letter, current curriculum vitae, a research statement, a statement of teaching philosophy and goals, two to four selected publications, and the names of three references to <https://ecefes.uwaterloo.ca/OFAS/index.php>.

Applications will be considered upon receipt, with full consideration assured for those received by **December 31, 2022**.

University of Waterloo

Faculty opening in Information Systems

The Department of Management Sciences in the Faculty of Engineering at the University of Waterloo invites applications for one tenure-track faculty position at the rank of Assistant Professor in Information Systems with an anticipated start date of July 1, 2023. In the case of an exceptional candidate, an appointment at the rank of Associate Professor or Full Professor will be considered.

Applicants should hold a PhD or be near completion of their doctorate and have demonstrated research and teaching potential in computer science, information systems, or related fields. We seek

individuals with research and teaching interests at the interface of Information Systems (IS), Data Science, and Machine Learning. In particular, we seek applicants with experience and interest in large-scale data-intensive systems, with an emphasis on solving real-world problems using cutting-edge methods. Areas of interest include machine learning, machine learning systems, and data systems.

The deadline for applications is January 15, 2023.

Applications received before the deadline will receive full consideration.

For full details and application instructions, please visit <https://uwaterloo.ca/engineering/faculty-opening-information-systems>

University of Waterloo

NSERC Tier 1 Canada Research Chairs in Computer Science (2 positions)

The David R. Cheriton School of Computer Science in the Faculty of Mathematics at the University of Waterloo invites applications for two tenured faculty positions. Exceptional scholars and researchers at the rank of Full Professor or Associate Professor are sought who are eligible to apply for a Tier 1 Canada Research Chair (CRC), established by the Government of Canada to enable Canadian universities to foster research excellence. This call is open only to qualified individuals who self-identify as women, transgender, non-binary, or two-spirit. Priority research areas include:

Position 1, all areas of artificial intelligence.

Position 2, all areas of computer science.

Qualifications

Applicants must have either earned a doctoral degree or an equivalent terminal degree in computer science. Applicants should be at the rank of Full Professor or Associate Professor who are expected to be promoted to the rank of Full Professor within one to two years of nomination. Alternatively, if from outside the academic sector, nominees must possess the necessary qualifications to be appointed at these levels. To meet the criteria for a Tier 1 CRC, applicants must be outstanding and innovative world-class researchers whose accomplishments have made a major impact in their fields and be recognized internationally as leaders in their fields. Applicants will propose an original, innovative program of the highest quality research. Applicants must have superior records of attracting and training graduate students and postdoctoral fellows (taking into account different practices in the relevant field or discipline) and will be expected to attract, develop, and retain excellent trainees, students, and future researchers. An established track record of national and international collaborations, including the ability and desire to partner with faculty at the University of Waterloo in closely related fields, is required. Applicants whose research aligns with the University of Waterloo Research Strategic Plan (<https://www.chairs-chaire.gc.ca/program-programme/srp-prs/waterloo-eng.pdf>) are preferred. Please consult the CRC (<https://www.chairs-chaire.gc.ca/>) and the University of Waterloo Office of

Research (<https://uwaterloo.ca/research/>) websites for more information.

The successful candidates will be appointed as regular members of the School and each subsequently nominated for a Tier 1 CRC. Nominations for CRCs are subject to review by the CRC Secretariat and appointment as a CRC is conditional on the Secretariat's approval. The University of Waterloo is committed to providing candidates with the support required to secure a CRC. Duties include research, teaching at the undergraduate and graduate levels, service to the unit, and the supervision of graduate students. The successful applicants will have a reduced teaching assignment during the term of their CRC. Rank and salary will be commensurate with experience; the salary range is \$170,000 - \$250,000 and negotiations beyond this salary range will be considered for exceptionally qualified candidates. The anticipated start date is July 1, 2023, however, alternate start dates may be negotiated.

The University of Waterloo understands the impact that legitimate career interruptions (e.g., parental leave, leave due to illness) can have on an applicant's record of research achievement and encourages applicants to explain in their application the impact this may have on their record; this information will be taken into careful consideration during the assessment process.

The David R. Cheriton School of Computer Science is the largest computer science school in Canada, with 115 faculty members. It enjoys an excellent reputation in theoretical and applied research and

houses a diverse research program of international stature. Because of its recognized capabilities, the School attracts exceptionally well-qualified students at both undergraduate and graduate levels. In addition, the University of Waterloo has an enlightened intellectual property policy that vests all rights in the inventor. Please see the School's website for more information: <https://cs.uwaterloo.ca/about/open-positions>.

The University of Waterloo acknowledges that much of our work takes place on the traditional territory of the Neutral, Anishinaabeg, and Haudenosaunee peoples. Our main campus is situated on the Haldimand Tract, the land granted to the Six Nations that includes six miles on each side of the Grand River. Our active work toward reconciliation takes place across our campuses through research, learning, teaching, and community building, and is centralized within our Office of Indigenous Relations: <https://uwaterloo.ca/indigenous>.

How to apply

To submit an application, please register at the submission site: <https://cs.uwaterloo.ca/faculty-recruiting>. Once registered, instructions will be provided regarding how to submit your full application. Applications will be considered as soon as possible when received, with full consideration assured for those received by November 30, 2022.

Commitment to Equity, Diversity, and Inclusion

The University values the diverse and intersectional identities of its students,

faculty, and staff. The University regards equity and diversity as an integral part of academic excellence and is committed to accessibility for all employees. The University of Waterloo seeks applicants who embrace our values of equity, anti-racism, and inclusion. As such, we encourage applications from candidates who have been historically disadvantaged and marginalized, including applicants who identify as Indigenous peoples (e.g., First Nations, Métis, Inuit/Inuk), Black, racialized, people with disabilities, women and/or 2SLGBTQ+.

However, this particular selection process will follow the provisions for a special program as described by the Ontario Human Rights Commission (<https://www.ohrc.on.ca/en/your-guide-special-programs-and-human-rights-code>) in order to address the underrepresentation of individuals from equity-seeking groups among our Canada Research Chairs, which has been identified through research (Canadian Association of University Teachers, 2018: https://www.caut.ca/sites/default/files/caut_equity_report_2018-04final.pdf; Council of Canadian Academies, 2012: <https://cca-reports.ca/reports/strengthening-canadas-research-capacity-the-gender-dimension/>; Henry et al., 2017: <https://www.ubcpres.ca/the-equity-myth>; Witteman, Hendricks, Straus, & Tannenbaum, 2019: [https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(18\)32611-4/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(18)32611-4/fulltext)) to be systemic in nature. **As such, this opportunity is open only to individuals who self-**

identify as women, transgender, non-binary, or two-spirit. Improving the representation, participation, and engagement of equity-seeking groups within our community is a key objective of the University of Waterloo Strategic Plan, 2020–2025: <https://uwaterloo.ca/strategic-plan/>.

All applicants to this CRC opportunity are required to self-identify using the self-identification applicant survey: https://uwaterloo.ca/qualtrics.com/jfe/form/SV_08RcdJzz6YAh4TX. Because this is a special opportunity for a specific member of the four designated groups, applicant self-identification information will be used for the purposes of screening and consideration. Please note that this information will be securely accessed only by members of a central selection committee and, for nominees selected, for the fulfillment of CRC program purposes: <http://www.chairs-chaire.gc.ca/program-programme/equity-equite/index-eng.aspx>.

The University is committed to accessibility for persons with disabilities. If you have any application, interview, or workplace accommodation requests please contact Occupational Health at occupationalhealth@uwaterloo.ca. The office will work with the selection committee to secure accommodation while ensuring that the information is safe-guarded and confidentiality is maintained.

If you have any questions regarding the position, the application process, the assessment process, eligibility, or the CRC program, please contact Professors



ASSISTANT PROFESSOR University of Wisconsin - Milwaukee

The University of Wisconsin-Milwaukee (UWM) School of Information Studies (SOIS) seeks to fill an Assistant Professor vacancy.

UWM is a doctoral/research intensive university and Wisconsin's premier public urban institution, offering a comprehensive liberal arts, sciences and professional education at the undergraduate and graduate level to nearly 25,000 students.

UWM has earned the highest rating for a research institution from the Carnegie Classification of Institution of Higher Education, often referred to as R1 status.

UWM is one of only 115 R1 institutions. SOIS offers several educational programs: a Bachelor of Science in Information Science and Technology (BSIST); a Masters of Science in Information Science and Technology (MSIST) degree in partnership with the Department of Computer Science; an ALA-accredited Masters of Library and Information Science (MLIS); several coordinated graduate degree programs, including Health Informatics; transcript-designated concentrations within the MLIS Archival Studies, Public Libraries, Information Organization, and Information Technology; post-masters Certificates of Advanced Study in Archives and Records Management and Digital Libraries; and a PhD in Information Studies.

The School has a strong research faculty, more than 900 students, and state-of-the-art information technology.

SOIS faculty organizes three research groups: the Research Group for Information Retrieval, Knowledge Organization Research Group, and the Social Studies of Information Research Group. SOIS is committed to excellence through diversity of thought, race, gender and community.

We seek candidates who value and demonstrate an appreciation for diversity in all forms, in addition to providing the necessary support to those communities for an inclusive learning arena.

- Ideal candidates will be interested in research and pedagogy in several areas of library science including children's, teen and emerging adult librarianship and/or school library media.
- Candidates will be expected to teach core courses in the MLIS program, as well as courses in the undergraduate and graduate programs.
- The selected applicant will be expected to maintain an active research agenda in their field of interest. Academic service is expected.
- Candidates should bring a background that includes social justice, intellectual freedom, and community outreach.
- Additionally, candidates should demonstrate an ability to articulate the value of the profession / MLIS to contemporary society.

Required Qualifications Include:

A PhD in Library Science and Information Studies or a related discipline by time of appointment; Evidence of potential for teaching in library sciences field; Excellent promise of funded research.

Preferred Qualifications Include:

Experience or demonstrated ability in the design and delivery of courses in a variety of formats, including onsite and online and evidence of a collaborative focus in research.

This is a continuous recruitment, however, the initial date of review is February 1, 2023. Applications received after January 31, 2023 may not receive consideration.

For more information, or to apply, visit:
<https://apptrkr.com/3561229>

Stephen Mann and Olga Veksler, David R. Cheriton School of Computer Science, at cs-recruiting@uwaterloo.ca.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Three reasons to apply: <https://uwaterloo.ca/faculty-association/why-waterloo> <https://uwaterloo.ca/faculty-association/why-waterloo>.

University of Wisconsin-Whitewater

Two Tenure-Track Faculty Positions in Computer Science

The Department of Computer Science in the College of Letters and Sciences at the University of Wisconsin-Whitewater seeks two (2) tenure-track faculty to join us in August 2023: one Assistant Professor in the area of Cybersecurity or Networking, and one Assistant Professor in Computer Science. Those in closely related areas are also welcome to apply. These are full-time positions with responsibilities for teaching undergraduate and graduate courses in our computer science and cybersecurity programs, research, and service to the university, community, and profession. Our faculty are expected to embrace the principles of diversity and inclusion as members of the university community.

For more information and application instructions:

Cybersecurity or Networking

<https://www.uww.edu/employment/academic-staff-instructional/posting?listing=2309>

Computer Science

<https://www.uww.edu/employment/academic-staff-instructional/posting?listing=2310>

Reviews will start on January 9, 2023 for both positions. For questions, contact: cs@uww.edu

University of Wyoming

Assistant Professor in applied AI/ML and data science

The Department of *Electrical Engineering and Computer Science (EECS)* at the University of Wyoming is partnering in a broad *cluster hire* in applied artificial intelligence/machine learning (AI/ML) and data science led by a new *School of Computing*. Through the cluster hire in *New Tools and Novel Approaches for Enabling Applications of Advanced AI/ML and Big Data* we invite applications for a tenure-track faculty member at the rank of Assistant Professor to begin in August 2023. The position will be held jointly between the School of Computing (tenure home) and the EECS Department.

Through this opportunity, the EECS Department seeks an interdisciplinary scholar with diverse interests and expertise in any research areas broadly related to Internet of Things (IoT), High Performance Computing (HPC), Human Computer Interaction (HCI) or the intersection of data science and artificial intelligence/machine learning (AI/ML). The candidate should have the capacity to develop and teach undergraduate and graduate courses in areas related to their

research. In addition, the new faculty member will foster relationships between SoC and the EECS Department to serve as a conduit for cross-disciplinary research.

About the department, college and UW

The college has over 90 faculty members and offers eight ABET-accredited degree programs. The EECS department has over 20 faculty members and offers degrees in Electrical Engineering, Computer Engineering, and Computer Science. There are extensive research collaboration opportunities within the department, *Center for Blockchain and Digital Initiatives (CBDI)*, *Meta-Algorithmics Learning and Large-Scale Empirical Testing (MALLETT) Lab*, *Secure Sensing and Learning (SSL) Research Studio*, *3D Interactions and Agents Lab (3DIA)*, *Wyoming's Supercomputer (NWSC)*, and with the new *School of Computing (SoC)*.

UW is a thriving, land-grant research university with over 100 million dollars annually in research funding. It is the only state funded university in Wyoming and thus receives excellent support from the state. UW is located in Laramie, Wyoming, 130 miles northwest of Denver. Laramie has a reasonable cost of living and easy access to outdoor activities in the Rocky Mountain region. UW draws over 13,000 students from all 50 states and more than 90 countries. Additional information is available at <http://www.uwyo.edu/eecs>, <http://www.uwyo.edu/ceps> and <http://www.laramie.org>.

REQUIRED MATERIALS:

Potential candidates should visit the job description at https://eeik.fa.us2.oraclecloud.com/hcmUI/CandidateExperience/en/sites/CX_1/job/223009/?utm_medium=jobshare

to apply and for information on the desired qualifications and application details for this position. This position will remain open until filled. Complete applications received by 11/30/22 will receive full consideration. Questions should be directed to the Search Committee Chair, Dr. Gabrielle Allen (gdallen@uwyo.edu).

HIRING STATEMENT:

UW is an Affirmative Action/Equal Opportunity Educator and Employer. We are committed to a multicultural environment and strongly encourage applications from women, minorities, veterans and persons with disabilities.

In compliance with the ADA Amendments Act (ADAAA), if you have a disability and would like to request an accommodation to apply for a position, please call 307-766-2377 or email jobapps@uwyo.edu.

University of Wyoming

Assistant Professor - School of Computing

The University of Wyoming is recruiting three tenure-track Assistant Professors in Applied Artificial Intelligence/Machine Learning (AI/ML) and Big Data. This *cluster hire* in the *School of Computing* seeks faculty who will catalyze interdisciplinary collaboration, attract external research funding, and enrich our students'

academic experience. The positions are in (1) *new tools and novel approaches for enabling applications of AI/ML and Big Data* (2) *Science, Technology, Engineering, and Mathematics (STEM) applications of AI/ML and Big Data*; (3) *applications of AI/ML and Big Data in the social and behavioral sciences and humanities*.

The School of Computing is a new unit at the University of Wyoming focusing on the application of computing in and across all disciplines, and programs that provide students with critical computing and digital skills.

Visit the *Cluster Hire in Applied AI/ML and Big Data web site* (<https://www.uwyo.edu/SOC/people/2022-cluster-hire.html>) for full information about this opportunity and application details.

Vanderbilt University

Dean

Vanderbilt University invites nominations and applications for the position of Dean, Vanderbilt University School of Engineering (VUSE). The dean will assume leadership of a deeply talented and engaged community of faculty, staff, students, and alumni at a time of tremendous opportunity to build on the ambitious momentum across the University and lead the School of Engineering to even greater distinction.

Founded in 1886, the Vanderbilt University School of Engineering is internationally recognized for the superior quality of its research and education programs

in selected fields of engineering. VUSE fosters strong partnerships inside the university and with its research peers. The combination of innovative and interdisciplinary research, commitment to undergraduate and graduate education, and active collaboration with the distinguished Vanderbilt University Medical Center creates an invigorating atmosphere for faculty members, research staff, and graduate and undergraduate students. VUSE has experienced significant and strategic faculty growth in recent years, expanding the tenure-stream faculty from 89 in 2015 to 103 in 2021 and non tenure-track faculty from 52 to 78 during the same period. This represents 14% growth in tenure-stream faculty and 22% growth in total faculty. Notably, there will be opportunity for continued growth among the faculty ranks, building on the institution-wide strategic priority, Destination Vanderbilt, to recruit new faculty who are leaders and rising stars in their fields across the university. The school currently enrolls over 1,465 undergraduate, 698 graduate, and 99 professional students across all degree programs. VUSE's talented staff, which numbers 150 in total, deftly support and manage the myriad operations and complex research and administrative processes across the school.

The dean will join a university with a steadfast commitment to its students and to addressing the defining issues of our time, and a school dedicated to training and mentoring the next generation of outstanding engineers, scholars, and innovators. Through bold and inspired

leadership, the dean will strengthen community within VUSE, communicate the school's exceptional story to key external stakeholders to raise its profile and visibility, and position VUSE as a leader in international conversations about the future of engineering education. The dean will be a natural collaborator and coalition builder, partnering with other schools and leaders across campus to cultivate new or strengthen existing degree programs and initiatives and develop and support an outstanding and increasingly diverse faculty. In tandem with the university's sizable investments to support capital projects and improve campus infrastructure, the dean will partner creatively with university leadership to address VUSE's infrastructural opportunities. Externally, the dean will engage with donors, alumni, government leaders, and industry partners to increase the school's reach and impact and to generate enthusiasm and support for Vanderbilt Engineering.

The Vanderbilt University School of Engineering seeks a leader with a record of outstanding scholarship and a collegial, transparent, decisive, and empowering leader to propel the school forward. The dean must be an exceptional communicator and astute manager who is skillful at building relationships, fostering a strong and inclusive sense of community, and operating within a complex university system. The next dean will bring a considerable record of administrative leadership and must possess the ability to represent the college compellingly with a variety of audiences, including alumni, donors, and

industry partners. The dean will hold a steadfast commitment to and track record of success with diversity, equity, and inclusion efforts.

Vanderbilt University has engaged Isaacson, Miller to assist the VUSE Dean Search Committee with identifying and reviewing candidates for this position. Inquiries, applications, and nominations may be sent in confidence to the following:

Katie Rockman, Partner

Karen McPhedran, Managing Associate

Afi Tettey-Fio, Senior Associate

<https://www.imsearch.com/search-detail/8662>

Vanderbilt University has a strong institutional commitment to recruiting and retaining an academically and culturally diverse community of faculty. Minorities, women, individuals with disabilities, and members of other underrepresented groups, in particular, are encouraged to apply. Vanderbilt is an Equal Opportunity/Affirmative Action employer.

Vanderbilt University

Open Rank Faculty Positions In Computer Science (Destination Vanderbilt)

The Department of Computer Science is seeking top faculty candidates for tenure and tenure-track positions as part of a \$100 million recruiting initiative known as "*Destination Vanderbilt*." The program is designed to add faculty leaders and rising stars in the field at all ranks over and above normal hiring patterns. In the first two years of the initiative, the

CS department welcomed fourteen new distinguished faculty members.

Destination Vanderbilt aspires to propel the CS department to one of the leading academic programs nationally and beyond. Successful candidates are expected to teach at the undergraduate and graduate levels and to develop and grow vigorous programs of externally funded research. They come from broadly defined areas of computer science that enhance our research strengths in *areas aligned with the priorities* of the Vanderbilt University School of Engineering and the university overall:

1. Autonomous and Intelligent Human-AI-Machine Systems and Urban Environments
2. Computing and AI for Health, Medicine, and Surgery
3. Cybersecurity and Resilience
4. Design of Next Generation Systems, Structures, Materials, and Manufacturing

Vanderbilt University has a strong institutional commitment to recruiting and retaining an academically and culturally diverse community of faculty. Minorities, women, individuals with disabilities, protected veterans and members of other underrepresented groups are encouraged to apply. Vanderbilt is an equal opportunity, affirmative action employer.

Ranked #13 nationally, Vanderbilt University is a private, internationally recognized research university located on 330 park-like acres 1.5 miles from downtown Nashville. Its 10 distinct schools share a single cohesive campus that values

interdisciplinary collaboration. The university enrolls over 13,500 undergraduate, graduate, and professional students, including 36% minority students and over 1,100 students from 84 countries. The School of Engineering is on a strong upward trajectory in national and international prominence, and has built infrastructure to support a significant expansion in faculty size. In the rankings of graduate engineering programs by U.S. News, the school ranks in the top 20 private, research-intensive engineering schools. Fortune ranked the Vanderbilt Computer Science online Master's program at 1st in the USA.

Applications should be submitted at: <https://apply.interfolio.com/117250>.

For more information, please visit: <https://engineering.vanderbilt.edu/destination-cs/>.

Applications will be reviewed on a rolling basis beginning December 1, 2022. Interviews begin around January 15, 2023.

For full consideration, application materials must be received by March 1, 2023.

Vanderbilt University

Professor of the Practice

THE DEPARTMENT OF COMPUTER SCIENCE (CS) AT VANDERBILT UNIVERSITY is seeking applicants for a professor of the practice or lecturer of computer science position with a target start date of as early as the Spring 2023 semester. Primary responsibilities are to teach three core CS courses per semester ranging from

introductory to upper-division. Ideal qualifications include a Ph.D. degree in computer science, computer engineering, or a related discipline and prior teaching experience in these programs. This is a term appointment, eligible for renewal, contingent on performance. The CS department at Vanderbilt launched in 2020 a multi-year faculty recruitment and hiring process to propel the Vanderbilt computer science program to one of the leading academic programs nationally and beyond. We are committed to teaching and research excellence, and have a number of professors of the practice and lecturers who are fully integrated into the CS department.

Ranked #13 nationally, Vanderbilt University is a private, internationally recognized research university located on 330 park-like acres 1.5 miles from downtown Nashville, Tennessee. Its 10 distinct schools share a single cohesive campus that values collaboration. The university enrolls over 13,500 undergraduate, graduate, and professional students, including 36% minority students and over 1,100 international students from 84 countries.

With a metro population of over two million people, Nashville's top industries by employment include trade, transportation and utilities; education and health services; professional and business services; government; and leisure and hospitality. Other industries include manufacturing, financial activities, construction, and information. Long known as a hub for health care and music, Nashville is a technology center

with a considerable pool of health care, AI, and defense-related jobs available. In recent years, the city has experienced an influx of major office openings by some of the largest global tech companies and prime Silicon Valley startups.

Vanderbilt University has a strong institutional commitment to recruiting and retaining an academically and culturally diverse community of faculty. Minorities, women, individuals with disabilities, and members of other underrepresented groups, in particular, are encouraged to apply. Vanderbilt is an Equal Opportunity/Affirmative Action employer.

Vanderbilt University has made the safety of our students, faculty and staff, and our surrounding communities a top priority. As part of that commitment, the University recently announced that students, faculty, and staff, are required to be vaccinated against COVID. As a prospective and/or a new employee at Vanderbilt, you will be required to comply with the University's vaccination protocol. Effective, August 1, 2021, proof of full vaccination or an approved accommodation will be required before the start of employment in order to work at Vanderbilt University. Accommodations for medical and religious exemptions can be requested with the Equal, Opportunity and Access Office <https://www.vanderbilt.edu/eoa/>.

Applications should be submitted on-line at: <https://apply.interfolio.com/115880>. Applications should include a full CV, statement of teaching experience and interests, as well as names and email addresses of three references.

Review of applications will begin immediately, and applications will be accepted until the position is filled.

Villanova University

Director, Research Technology

Villanova University, an R2 research institution, invites applications and nominations for the newly created role of Director, Research Technology (Director).

Reporting to the Deputy Chief Information Officer, the Director is responsible for providing campus-wide leadership and vision for enterprise technology services and solutions in support of Villanova's research community. The Director will work closely with the Chief Research Officer, the University Librarian, senior staff within the Provost's Office, research faculty, and other administrative/academic research leaders to understand the direction of research at Villanova and create a research technology program that advances it. For a full description of the role, including qualifications, please see [here](#).

Villanova University has engaged Opus Partners to support the recruitment of this position. Katie Dean, Associate Partner; Craig Smith, Partner; and Chris Stadler, Associate, are leading the search. Inquiries, applications, and nominations should be sent by email to Chris (chris.stadler@opuspartners.net).

Required application materials include a resume and cover letter.

Virginia Tech

Instructional Faculty in Computer Science

The Virginia Tech Innovation Campus and the Department of Computer Science seek applicants for one non-tenure-track instructional faculty position for our graduate programs based in the Washington DC Metropolitan area. Qualified candidates may be considered for appointments at the ranks of assistant or associate collegiate professor or professor of practice. Additionally, we seek to hire candidates who can contribute to advancing our commitment to diversity and inclusion.

Virginia Tech's Innovation Campus is a bold, new vision for graduate education in computer science and computer engineering. Located adjacent to the nation's capital in Alexandria, Virginia, it will unite industry, government, and academia in dynamic project-based learning and purpose driven research to shape the way emerging technologies influence society. The 11-story academic building of the Innovation Campus is set to open in 2024. Joining now offers a unique opportunity to be part of an emerging Virginia Tech graduate program while helping to design and shape the cutting-edge instructional programs to be offered at the Innovation Campus.

Successful candidates will have a primary commitment to our instructional mission. Duties will include graduate level teaching, curricular and program development, and the design and integration of innovative and inclusive pedagogy. To the extent possible, collegiate faculty members and

professors of practice are encouraged to participate in research and scholarship, mentor graduate students, participate in department and professional service, etc. Instructional positions offer a clear promotion path with the potential of increasingly longer-term contracts.

Virginia Tech is a public land-grant university, committed to teaching and learning, research, and outreach to the Commonwealth of Virginia, the nation, and the world. Building on its motto of *Ut Prosim* (that I may serve), Virginia Tech is dedicated to InclusiveVT—serving in the spirit of community, diversity, and excellence. We actively seek a broad spectrum of candidates to join our community in preparing leaders for the world. Our core values are inclusiveness, excellence, integrity, perseverance and stewardship.

The Innovation Campus currently has 14 faculty members including 12 accomplished, tenured, award-winning faculty with appointments in Virginia Tech's highly ranked Computer Science and Computer Engineering academic departments. The Innovation Campus currently serves over 250 graduate students and has a mission to grow to 50 faculty and over 700 students over the next several years.

Required Qualifications

- For collegiate faculty, an earned Ph.D. in computer science or a closely related field by appointment start date.
- For professors of practice, a Master's degree in computer science or closely related field and significant professional experience in a computing related field.

- Ability to contribute to the department's teaching mission at the graduate level.

Preferred Qualifications

- Demonstrated ability in higher education instruction and/or public or private sector practice, with promise for being a leader in the instructional mission.
- An interest in engaging with external partners in the development and execution of curricular experiences.
- Demonstrated interest in curriculum development and innovation, particularly project-based learning and experiential learning opportunities.
- Contributions to improving the diversity of the discipline, and experience in working effectively with a diverse student population.
- A record of accomplishments in CS education research areas such as those mentioned above.

How to Apply

Applications must be [submitted online to jobs.vt.edu](http://jobs.vt.edu). Candidates should submit a cover letter, curriculum vitae, a teaching statement, a statement on contributions to advancing diversity, equity, and inclusion, and contact information for at least three references.

Application review will begin on 12/15/22 and continue until the positions are filled. Inquiries should be directed to Dr. Sara Hooshangi, search committee chair, at shoosh@vt.edu.

The Innovation Campus fully embraces Virginia Tech's commitment to increase faculty, staff, and student diversity; to ensure a welcoming, affirming, safe, and

accessible campus climate; to advance our research, teaching, and service mission through inclusive excellence; and to promote sustainable transformation through institutionalized structures. Virginia Tech does not discriminate against employees, students, or applicants on the basis of age, color, disability, sex (including pregnancy), gender, gender identity, gender expression, genetic information, national origin, political affiliation, race, religion, sexual orientation, or veteran status, or otherwise discriminate against employees or applicants who inquire about, discuss, or disclose their compensation or the compensation of other employees or applicants, or on any other basis protected by law. If you are an individual with a disability and need accommodation, please contact Samantha Pipkin at samanthap@vt.edu during regular business hours at least 10 business days prior to the event.

Wake Forest University

Assistant Teaching Professor, Program for Leadership and Character

The Department of Computer Science and the Program for Leadership and Character at Wake Forest University are seeking applications for an Assistant Teaching Professor position to begin July 2023. The position has an emphasis in the area of ethics of computing, data, information, and technology. Successful candidates should have a demonstrated potential to contribute to a culture of high quality teaching and mentorship and to work across disciplines to pursue ethics-related

teaching in computer science. Applicants should have completed a PhD in computer science, philosophy, science and technology studies, data science, or other relevant field by the time of appointment, and expertise with computer science as well as virtue ethics and/or character education is preferred.

For detailed information about the position and the corresponding application process, visit:

https://go.wfu.edu/cs_plc_hire/

Washington & Lee University

Computer Science Visiting Assistant Professor

The Department of Computer Science at Washington and Lee University (<http://cs.wlu.edu>) invites applications for a 1-year Visiting Assistant Professor of Computer Science, with the possibility for extension, beginning July 1, 2023.

Candidates are expected to hold a Ph.D. in computer science or a closely related field upon employment. All areas of computer science will be considered.

The university requires employees to become fully vaccinated for COVID-19 and new employees must provide proof of at least their first shot prior to the first day of employment. Boosters are required.

For more information and to apply, see <http://apply.interfolio.com/116294>

You may also contact Department Head, Sara Sprenkle at sprenkles@wlu.edu

Washington State University

Multiple Tenured/Tenure-Track Faculty Positions in Computer Science and Engineering

The School of Electrical Engineering and Computer Science (EECS) at Washington State University in Pullman, WA invites applications for multiple permanent full-time tenured/tenure-track faculty positions in the following two major areas: (i) computer systems (operating systems, storage systems, high-performance computing systems, computer architecture, and electronic design automation), and (ii) intelligent systems (all areas of artificial intelligence and machine learning including sequential decision-making, robustness and safety, natural language processing, and AI for social good; and security areas including differential privacy and applied cryptography). The job duties of successful candidates will include (but not limited to) teaching undergraduate and graduate courses in computer science and engineering; conducting funded research; publishing in top-tier venues; and directing M.S. and Ph.D. student research programs.

Additional criteria and application instructions can be found at <https://tinyurl.com/eecssystems> for computer systems, and at <https://tinyurl.com/eecsintelsys> for intelligent systems.

Application review begins August 15, 2022.

Washington University in St. Louis

Faculty Positions (Assistant/Associate/Full Professor)

The Department of Computer Science & Engineering at Washington University in St. Louis has several tenure-track faculty openings at all ranks and in all areas of computer science & engineering, beginning on or after July 1, 2023. The department anticipates a focused recruiting effort over the next several years in several strategic areas including (but not limited to): autonomous systems (Cyber-Physical systems + AI/Machine Learning); security; imaging & vision; human and social factors in computing; and distributed, large-scale data processing systems.

Candidates are expected to publish their research in peer-reviewed conferences and journals, teach, and participate in department and university service. The usual teaching load is one course per semester. Diversity and inclusion are core values at Washington University.

Applicants must hold a doctorate in Computer Science, Computer Engineering, or a closely related field. Qualified applicants should submit a complete application (cover letter, curriculum vitae, research statement, teaching statement, and diversity statement) through Interfolio at <http://apply.interfolio.com/115036> and arrange for at least three letters of references to be submitted on their behalf.

Applications may be accepted until positions are filled; all applications

received before December 15, 2022, will be given full consideration.

Please contact recruiting@cse.wustl.edu for questions related to this search.

Washington University in St. Louis is committed to the principles and practices of equal employment opportunity and especially encourages applications by those underrepresented in their academic fields. It is the University's policy to provide equal opportunity and access to persons in all job titles without regard to race, color, age, religion, sex, sexual orientation, gender identity or expression, national origin, protected veteran status, disability, or genetic information.

Wayne State University

Assistant Professor, Tenure Track, Computer Science

Located in the mid-town of Detroit, the Wayne State University (WSU) Computer Science department anticipates hiring a tenure track faculty at the assistant professor level starting from Fall 2023. Outstanding candidates in all areas who could complement and enhance current department strengths will be considered. Candidates working in Cybersecurity, Software Engineering, Human-Computer Interactions, and related areas are especially encouraged to apply. Candidates should have a Ph.D. in Computer Science, or closely related field, and the potential for excellence in teaching and research.

Applications must be submitted at

<https://waynetalent.csod.com/ux/ats/careersite/2/home/requisition/718?c=waynetalent>

and must include a curriculum vitae, teaching and research statements, and names and addresses of at least three references. Links to a professional website such as Google Scholar or DBLP are recommended.

For full consideration, applications must be submitted by **March 1, 2023**. Applications will be accepted until the positions are filled.

The Department of Computer Science at Wayne State has 23 tenure-stream faculty and 6 teaching faculty, with 5 NSF CAREER awards, 6 NSF CRII awards, and about \$2M in annual research expenditure. Currently it has over 1000 undergraduate students and about 200 graduate students. The department is committed to building a diverse faculty preeminent in its missions of research, teaching, and service to the community. Candidates who have experience engaging with a diverse range of faculty, staff, and students, and contributing to a climate of inclusivity are encouraged to discuss their perspectives on these subjects in their application materials.

WSU is a major urban research university (Carnegie R1) with about 2,500 faculty and 27,000 students. WSU is committed to increasing access to education, employment, programs, and services for all. WSU is a premier, public, urban research university located in the heart of Detroit where students from all backgrounds are offered a rich, high-quality education. Our

deep-rooted commitment to excellence, collaboration, integrity, diversity, and inclusion creates exceptional educational opportunities preparing students for success in a diverse, global society. WSU encourages applications from women, people of color and other underrepresented people. WSU is an affirmative action/equal opportunity employer.

Detroit epitomizes the modern, livable, vibrant, and diverse city. World-class amenities like the US-Canada riverfront, Detroit Institute of Arts, culture venues and festivals, as well as an international airport (DTW) that flies non-stop to world-wide destinations. There are several satellite cities within 25 miles of metro-Detroit that are ranked as the top-100 most suitable for living cities (e.g., Troy, Ann Arbor, Birmingham, Novi) with the nation's finest school districts.

Offers of employment by the WSU may be subject to approval by the University's Board of Trustees and are made contingent upon the candidate's successful completion of any criminal background checks and other pre-employment assessments that may be required for the position being offered. Additional information regarding such pre-employment checks and assessments may be provided as applicable during the hiring process.

Weill Cornell Medicine

Research Faculty Position

Position Summary:

The Department of Radiology at Weill Cornell Medicine invites applications

for faculty positions at all levels. This search is part of a strategic initiative to build up a research ecosystem in Artificial Intelligence for Medical Imaging Applications. We are seeking candidates with a strong background and interest in mathematical, statistical, and computational concepts, including computer vision and machine learning. Candidates should have an established track record in interdisciplinary collaborative research related to medical imaging and/or Radiology. Cornell University, with its two closely-located campuses in New York City (Weill Cornell Medicine and Cornell Tech); rapidly growing academic and research programs in data science, AI, biomedical informatics, and health technologies; and its unique graduate field system that allows faculty members to recruit PhD students from a range of programs, offers unparalleled opportunities for cross-disciplinary research.

Qualifications

The candidate should have a Ph.D. degree in computer science, electrical engineering, or a closely related discipline. We seek individuals with evidence of excellent scholarship who have the potential or demonstrated ability to develop and lead a strong research program, including securing external funding to support the growth of their program.

Diversity is one of Weill Cornell Medicine's core values and is essential to achieving excellence in patient care, research, and education. We welcome applications from candidates who share our commitment to fostering a culture of fairness, equity,

and belonging. Weill Cornell Medicine is an Equal Employment Opportunity Employer, providing equal employment opportunities to all qualified applicants without regard to race, sex, sexual orientation, gender identity, national origin, color, age, religion, protected veteran or disability status, or genetic information.

To apply:

Interested applicants should send a curriculum vitae, bibliography, and statement of interests to:

Mert R. Sabuncu Associate Professor

Electrical and Computer Engineering
Cornell University and Cornell Tech

Department of Radiology, Weill Cornell
Medicine E-mail: msabuncu@cornell.edu

About Us:

Weill Cornell Medicine: Founded in 1898, and affiliated with what is now New York-Presbyterian Hospital (NYPH) since 1927, Weill Cornell Medicine (WCM) is among the top-ranked clinical and medical research centers in the country. In addition to offering degrees in medicine, WCM also has PhD programs in biomedical research and education at the Weill Cornell Graduate School of Medical Sciences, and with neighboring Sloan-Kettering Institute and The Rockefeller University, has established a joint MD-PhD program for students to intensify their pursuit of Weill Cornell's triple mission of education, research, and patient care. WCM is divided into 24 basic science and patient care departments that focus on the sciences underlying clinical medicine

and/or encompass the study, treatment, and prevention of human diseases. The basic science and clinical departments are located in buildings that straddle York Ave. between 68th and 72nd streets on Manhattan's Upper East Side. Weill Cornell Medical College has 1781 full-time faculty (3582 total faculty) distributed across 8 basic science and 15 clinical departments. WCM maintains major affiliations with Memorial Sloan-Kettering Cancer Center, The Rockefeller University, the Hospital for Special Surgery, as well as with the metropolitan-area institutions that constitute NYP Healthcare Network.

Weill Cornell Medicine is a comprehensive academic medical center that's committed to excellence in patient care, scientific discovery, and the education of future physicians in New York City and around the world. Our doctors and scientists-faculty from Weill Cornell Medical College, Weill Cornell Graduate School of Medical Sciences, and the Weill Cornell Physician Organization- are engaged in world-class clinical care and cutting-edge research that connect patients to the latest treatment innovations and prevention strategies. Located in the heart of the Upper East Side's scientific corridor, Weill Cornell Medicine's powerful network of collaborators extends to its parent university Cornell University; to Qatar, where an international campus offers a U.S. medical degree; and to programs in Tanzania, Haiti, Brazil, Austria and Turkey. Our medical practices serve communities throughout New York City, and our faculty provide comprehensive care at NewYork-Presbyterian Hospital/Weill Cornell

Medical Center, NewYork-Presbyterian/Lower Manhattan Hospital, and NewYork-Presbyterian/Queens. At Weill Cornell Medicine, we work together to treat each individual, not just their conditions or illnesses, as we strive to deliver the finest possible care for our patients - the center of everything we do.

Western Washington University

Assistant or Associate Professor in Computer Science Education

The Computer Science Department at Western Washington University (WWU) invites applications for a tenure-track position beginning September 16, 2023 at the rank of Assistant or Associate Professor. All areas of specialization will be considered, but for this position the department is particularly seeking candidates with scholarly interests in computing education. The successful candidate will enhance our existing strengths in undergraduate education and science teacher preparation, and will teach computer science courses as well as K-12 science teacher preparation courses in SMATE. The teaching assignment will be distributed evenly between Computer Science and SMATE. This person must be committed to quality undergraduate education and to fulfilling teaching responsibilities in ways that support an equitable and inclusive learning environment for students. The successful candidate will be expected to develop and maintain an active research program involving undergraduate and M.S.

students, especially one that emphasizes science education and supports active collaborations within and between the SMATE and Computer Science programs. This faculty member will also be expected to participate in service activities, including departmental committees and student advising.

You can learn more and apply online at <https://hr.wvu.edu/careers-faculty?job=500321>.

Wichita State University

Assistant Professor – Computing

The School of Computing at Wichita State University invites applications for Assistant Professor. Applicants must be committed to fostering an inclusive environment and promoting the success of underrepresented students. Applicants should have a demonstrated record of excellence in, or show exceptional promise for, high-quality research, teaching, and professional development. In addition, applicants must have a demonstrated record of interest in, and commitment to, the mentorship of students from first generation, underrepresented, and low-income populations. Teaching and service expectations will not exceed those of other faculty positions.

Applicants whose technical interests complement and augment the Department's existing strengths and are well positioned to develop collaborations as part of multidisciplinary research teams are of particular interest. Our hiring priority is focused on research in the areas of data




WHITMAN COLLEGE

Assistant or Associate Professor of Computer Science

The Department of Computer Science at Whitman College seeks applicants for a tenure-track position beginning August 2023, rank open. Applicants must have a Ph.D. by the start of the position. We seek candidates who will strive for excellence in teaching as well as scholarship, including those who currently hold industry positions. The successful candidate will offer core and elective computer science courses across all levels, supervise senior capstone projects, and contribute to the College's general education program. The standard annual teaching load is five courses. The College provides a generous pre-tenure sabbatical leave program and professional development support for both research and teaching. Whitman College is committed to cultivating an inclusive community and is an EEO employer. Review of applications begins December 12, 2022.

For full application instructions and position description, visit <https://aptrkr.com/3613300>

science (in the broadest sense including AI and computer vision), human-computer interaction, cybersecurity, and software engineering; strong applicants from other areas will also be considered. A large fraction of our students work throughout the year in paid jobs at the 20+ companies on the Innovation Campus. In addition to the companies, the Innovation Campus is home to the National Institute of Aviation Research (NIAR), the new Deloitte Smart Factory@Wichita, the Crash Dynamics Lab, and the John Bardo Center, where both the Innovation Hub and GoCreate maker spaces are located. We have state of the art facilities for robotics and automation; computer aided design and manufacturing; 3D printing of plastics and metals; composites and coatings; mechanical, structural, and environmental testing; failure analysis; crash dynamics; extended reality; reverse engineering; multiple wind/water tunnels; and, a research machine

shop. We are interested in outstanding candidates who are committed to excellence in teaching and scholarship and to a diverse campus climate.

WSU is family friendly. Available to all faculty are educational benefits for spouses and dependents, same-sex spouse benefits, and family leave. Very important for new faculty, there are also provisions to pause tenure review if they become a parent. WSU is a recipient of an NSF ADVANCE Catalyst award to assess and create avenues for women and minority STEM faculty to achieve their career goals.

These positions require a Ph.D. or equivalent in computer science or a closely related discipline at date of hire.

Application packages should be submitted online through <https://jobs.wichita.edu/postings/27290> and include the

following documents: 1) curriculum vitae, 2) statement of contributions to equity, diversity, and inclusion with particular attention to mentoring achievements and future mentoring goals, 3) statement of research interest, 4) statement of teaching interest, and 5) a cover letter. Review of applications will begin on November 15, 2022 and continue until the positions are filled. Inquiries about the position and nominations of potential candidates should be directed to vinod.namboodiri@wichita.edu.

QUALIFICATIONS

Basic qualifications (required at time of application)

PhD in Computer Science or Engineering or related field at date of hire.

APPLICATION REQUIREMENTS

Documents required

- Cover Letter (Optional)
- Curriculum Vitae - Your most recently updated C.V.
- Statement of Research (Optional)
- Statement of Teaching (Optional)
- Statement on Contributions to Equity, Diversity, and Inclusion - An EDI
- Statement describes a faculty candidate's past, present, and future (planned) contributions to equity, diversity, and inclusion. To learn more about how WSU thinks about contributions to equity, diversity, and inclusion, please review our diversity plan.

Reference requirements

3-5 required (contact information only)

William & Mary

Tenure Track Assistant Professor - Three Positions

The Data Science unit at William & Mary, a public university of the Commonwealth of Virginia, seeks applications for multiple tenure-track positions at the Assistant Professor level in Data Science. Appointments will begin August 10, 2023. We are primarily interested in individuals with expertise in data visualization, data analytics (incl. artificial intelligence and machine learning, network analysis, natural language processing), data policy and ethics, data engineering (esp. high velocity data acquisition), and large scale simulations and modeling in support of diverse applications. Exceptional applicants from other areas of Data Science may also be considered.

Required Qualifications: Applicants must hold a Ph.D. in Data Science, Information Science, Computer Science, or a related field by the time of appointment (August 10, 2023). Preferred Qualifications: Postdoctoral research experience is desirable, and previous experience in teaching and mentoring successful undergraduate and graduate research is a plus.

Successful applicants are expected to establish and maintain a vibrant externally funded research program that inspires a highly motivated graduate and undergraduate student body, and to take advantage of the collaboration opportunities that W&M is offering. Teaching expectation is one course per semester. Successful applicants should have a broad knowledge of data

analytics, with a strong interest in teaching to multidisciplinary, liberal arts audiences, including students in disciplines both inside and outside of traditional STEM areas. They are expected to contribute to a Data Science unit that builds on the diverse expertise of William & Mary to establish a nationwide leading program.

For specific details on the selection criteria, requirements, and application procedures for the position, **please apply directly to the university's website** <https://jobs.wm.edu/postings/50777>.

The Arts & Sciences diversity statement is found here: [Diversity, Equity & Inclusion - William & Mary](#). For more information about Arts & Sciences, visit: <http://www.wm.edu/as/>.

William & Mary

Multiple Tenure-Track Faculty Positions in Computer Science

The Department of Computer Science at William & Mary, a public university of the Commonwealth of Virginia, seeks applications for multiple tenure-track positions at the Assistant Professor level to begin August 10, 2023. We are interested in exceptional applicants from all areas of computer science. We are particularly interested in the areas of cybersecurity, machine learning/artificial intelligence, software engineering, and the broader area of data science to foster collaborations with the newly developing department of Data Science at William & Mary.

Opportunities for collaboration exist also with nearby NASA Langley and DOE's Jefferson Lab in a variety of research areas such as high-performance computing,

scientific computing, scientific machine learning, robotics, software engineering, and cybersecurity. The successful applicant will be expected to establish a high-quality research program, publish research results in top venues, teach at the undergraduate and graduate levels, supervise graduate and undergraduate research, and attract external funding to support their research activities.

Required Qualifications: Applicants must hold a Ph.D. in computer science or a related field at the time of appointment (August 10, 2023) and must have a strong research record and a commitment to quality teaching.

Located in the center of historic Williamsburg and known as a public Ivy, William & Mary is consistently ranked in the elite group of the Best National Universities-Doctoral by U.S. News and World Report and is committed to a multi-year effort to significantly strengthen and expand its computer science research program. With a teaching load of two courses per year and institutional support, the department has been rising in national rankings of graduate CS departments and has been the home of multiple NSF and DOE CAREER Awards. The department offers B.S., M.S., and Ph.D. programs. More information about the department can be found at <https://www.cs.wm.edu>.

William & Mary is deeply committed to diversity, equity, and inclusion. The department is dedicated to increasing the number of underrepresented groups in our student body and faculty. We strongly encourage applications from women, minorities, protected veterans, and individuals with disabilities. William & Mary is an Equal Opportunity/Affirmative Action employer. William & Mary conducts background checks on applicants for employment.

Applicants must apply online at <https://jobs.wm.edu/postings/50417>.

Please submit a cover letter, a curriculum vitae, as well as research, teaching, and diversity statements. The diversity statement should describe previous experience or future plans (or both) that demonstrate a commitment to diversity, equity, and inclusion.

Applicants will be prompted to submit online the names and email addresses of three references who will be contacted automatically with instructions for submitting letters of recommendation.

Review of applications begins on December 1, 2022, and continues until the positions are filled.



Worcester Polytechnic Institute

Teaching-Track Faculty Positions in Computer Science

The **Computer Science Department** is actively seeking applicants for **three full-time teaching faculty positions** starting in the Fall of 2023.

Appointments may be at the level of **Assistant Teaching Professor** or **Instructor**, depending on the candidate's educational background. Applicants with professional experience are encouraged to apply and may be appointed as a Professor of Practice. Appointments are expected to lead to multi-year contracts and long-term security of employment without tenure.

Successful candidates will teach 5 courses a year and advise junior and senior projects. Junior-year projects involve the interaction of society and technology and Senior-year projects focus specifically on Computer Science. At WPI, undergraduate classes are taught in four 7-week terms during the normal 9-month academic year, so candidates would often teach a single class at a time. At the graduate level, courses are held in two 14-week semesters. Instruction will primarily be done in-person with a possibility for online teaching.

Questions about the hiring process should be sent to recruit@cs.wpi.edu. More information about the positions and instructions for applying are available at <http://web.cs.wpi.edu/facultyhire/>. You will need to include a teaching statement, vitae and contact information for at least three references.

The deadline for applications is January 15, 2023 with applications continuing to be considered after that date until the positions are filled.

To Apply, Visit: <https://apptrkr.com/3694387>

About WPI

WPI is a vibrant, active, and diverse community of extraordinary students, world-renowned faculty, and state of the art research facilities. At WPI, we have competitive and comprehensive benefits, including health insurance, long-term care, retirement, tuition assistance, flexible spending accounts, work-life balance and much more.

Diversity & Inclusion at WPI

WPI is committed to creating an inclusive workplace where everyone feels valued and respected; a place where every student, faculty and staff member can be themselves, so that they can study, live, and work comfortably, to reach their full potential, and make meaningful contributions in order to meet departmental and institutional goals. WPI thrives on innovative practice and welcomes diverse perspectives, insight, and people from diverse lived experiences, to enhance the community environment and propel the institution to the next level in a competitive, global marketplace.

GREAT MINDS at WORK



Assistant Professor Computer Science

Job No: 496542
Work Type: Faculty Full-time
Department: Katz School
Location: Beren Campus, 245 Lexington Avenue, NY, NY
Categories: Education/Teaching, Information Technology

Located in the heart of New York City, Yeshiva University is a <https://www.usnews.com/best-graduate-schools/yeshiva-university-197708/overall-rankings> Top 100 University, having moved up the rankings in the last three consecutive years to number 67.

Position Summary:

The Katz School of Science and Health at Yeshiva University invites applications for tenure-track faculty in Artificial Intelligence, Machine Learning and Computer Science for its graduate programs. This is an opportunity to pursue innovative research and development in AI and computer science in a range of applications and to collaborate with faculty across disciplines, including biotech and health, cybersecurity, IoT, mathematics, economics, and more.

Experience & Educational Background:

- Ph.D. in computer science, AI, machine learning or related field. ABD candidates graduating before the fall 2022 semester are eligible.
- Demonstrated expertise in both research and practice.
- Proven teaching ability.
- Strong industry network is a plus.

Skills & Competencies:

- Fluent in Word, PowerPoint, Excel, Outlook. Multimedia experience a plus
- Ability to manage complex projects from start to finish, in a fast-paced environment
- Excellent writing and presentation skills

Applicants must submit the following:

- Cover letter describing the applicant's experience related to the required qualifications.
- CV, including publications and grants.
- Research Statement.
- Teaching Statement (a discussion of skills related to remote/online instruction is encouraged).
- Names and contact information for three references.

Salary Range:
\$65,000-\$175,000

Application Instructions:
To apply, visit <https://apptrk.com/3588951>

Yeshiva University is an equal opportunity employer committed to hiring minorities, women, individuals with disabilities and protected veterans.



Computer Science Chair

Categories:

Academic Administration, Information Technology

Position Summary:

The Katz School of Science and Health at Yeshiva University seeks a founding chairperson to lead the development and oversight of the Graduate Computer Science Department, within the School's Division of STEM. This is a tenured or accelerated tenure-track position. The Computer Science Department will include existing programs in AI, Data Analytics, and Cybersecurity, as well as the Katz School's Internet of Things (IoT) Lab and Security Operation Center (SOC).

Skills & Competencies:

- Fluent in Word, PowerPoint, Excel, Outlook. Multimedia experience a plus
- Ability to manage complex projects from start to finish, in a fast-paced environment
- Excellent writing and presentation skills

Applicants must submit the following:

- Cover letter describing the applicant's experience related to the required qualifications.
- CV, including publications and grants.
- Research Statement.
- Teaching Statement (a discussion of skills related to remote/online instruction is encouraged).
- Names and contact information for three references.

Salary Range:
\$175,000 - \$250,000

Application Instructions:
To apply, visit <https://apptrk.com/3588940>

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