David Jacobs

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EXPERIENCE

University of Maryland, College Park   College Park, MD

Director, University of Maryland Center for Machine Learning	2020-Present
Interim Director, University of Maryland Center for Machine Learning	2018-2020
Associate Chair for Graduate Admissions, Dept. of Computer Science	2017-2019
Professor, Department of Computer Science	2008-Present
Associate Professor, Department of Computer Science	2002-2008

- Taught undergrad and grad courses in Computer Vision, Machine Learning, Deep Learning, Computer Graphics.

- Supervised and graduated 12 PhD students. They now hold positions at top companies (e.g., Facebook, Amazon) and faculty positions at UC Berkeley and SUNY Stoneybrook.

- Principal investigator in over $3,000,000 in grants.

NEC Research Institute   Princeton, NJ

Senior Research Scientist	2001-2002
Research Scientist	1992-2001

- Supervised postdocs. They now hold faculty positions at McGill, USC, UCLA, Waterloo, et al.

Consulting

- Clients include Dropbox, Cellular South, Kriegman-Belhumeur Vision Technologies (KBVT).

- Designed algorithms for face analysis for KBVT that led to a multi-million dollar acquisition.

Research Accomplishments

- Led research efforts at UMD and NEC in computer vision and machine learning; interdisciplinary collaborations in biology, psychology, user interfaces, computer graphics.

- Co-creator of Leafsnap, an iPhone app that used computer vision for plant species identification. Downloaded by over 1.5 million users. Featured in New York Times, Washington Post, WAMU, The Tonight Show, Science, Reuters, et al. (leafsnap.com/press)

- Published over 100 peer reviewed papers in top journals and conferences. Co-inventor on five patents. Papers received over 19,000 citations, with h-index of 57 (Google Scholar).

- Papers received awards at top conferences in computer vision, user interfaces and graphics. Co-recipient of the Edward O. Wilson Biodiversity Technology Pioneer Award. Awarded Digiteo Chair by the French government. Received outstanding teaching award.

- Editorial board of leading computer vision journals, Program Co-Chair of leading US computer vision conference, Area Chair (ten times) for top computer vision conferences.

EDUCATION

Massachusetts Institute of Technology, PhD, Computer Science.	1992
Yale College, B.A. Mathematics, Magna Cum Laude, Distinction in the Math major.	1982