

Ephraim Linder

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EDUCATION

- Boston University - Boston, MA** 2022 - present
PhD in Computer Science
Advisor: Adam Smith
- Rutgers University - New Brunswick, NJ** 2018 - 2022
B.S. in Mathematics

PUBLICATIONS¹

- [1] **Online versus Offline Adversaries in Property Testing.** Esty Kelman, Ephraim Linder, Sofya Raskhodnikova. Proceedings of the 15th Innovations in Theoretical Computer Science Conference (ITCS), 2025.
- [2] **Privately Evaluating Untrusted Black-Box Functions.** Ephraim Linder, Sofya Raskhodnikova, Adam Smith, Thomas Steinke. In submission, 2024.
- [3] **Local Lipschitz Filters for Bounded-Range Functions.** Jane Lange, Ephraim Linder, Sofya Raskhodnikova, Arsen Vasilyan. Proceedings of the 36th Annual ACM-SIAM Symposium on Discrete Algorithms (SODA), 2025.
- [4] **Average growth of L_p norms of Erdős–Szekeres polynomials.** C. Billsborough, S. Gold, E. Linder, D.S Lubinsky, J. Yu. Acta Mathematica Hungarica volume 166, pages 179-204 (2022).

WORK EXPERIENCE

- Research Assistant** September 2022 - present
Boston University *Boston, MA*
 - Collaborate with other researchers to develop novel results
 - Digest new developments in sublinear time algorithms and differential privacy
 - Present technical publications to a general computer science audience
- Research Assistant** June - August 2021
Georgia Tech *Remote*
 - Contributed knowledge of algorithm design to research project which resulted in a journal publication
- Global Plan Team Intern** June - August 2020
Johnson and Johnson *Remote*
 - Analyzed supply chain data to pinpoint process bottlenecks
 - Leveraged knowledge of python to automate data analysis processes
 - Responsible for managing data collection

TEACHING

- Boston University**
Teaching Fellow *Boston, MA*
 - Randomness in Computing - Fall 2024
 - Probability in Computing - Fall 2023

TECHNICAL SKILLS

- Programming Languages** Python, Java
Advanced Coursework Coding Theory, Differential Privacy, Cryptography

¹author order is alphabetical