

Ephraim Linder

Cambridge, MA 02139 | cs-people.bu.edu/ejlinder

Computer science PhD student looking for internship positions in data privacy. Excited to apply theoretical background towards improving privacy guarantees across the data analysis pipeline.

EDUCATION

- Boston University - Boston, MA** 2022 - present
PhD in Computer Science
Advisors: Adam Smith & Sofya Raskhodnikova
- 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, 2025
- [2] **Privately Evaluating Untrusted Black-Box Functions.** Ephraim Linder, Sofya Raskhodnikova, Adam Smith, Thomas Steinke. To appear in Symposium on Theory of Computing, 2025.
- [3] **Local Lipschitz Filters for Bounded-Range Functions.** Jane Lange, Ephraim Linder, Sofya Raskhodnikova, Arsen Vasilyan. Proceedings of the Symposium on Discrete Algorithms, 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

- 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

SERVICE

- Boston University**
Teaching Fellow *Boston, MA*
- Randomness in Computing - Fall 2024
 - Probability in Computing - Fall 2023
- Boston University** September 2023 - May 2024
Weekly Seminar Organizer *Boston, MA*

TECHNICAL SKILLS

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

¹author order is alphabetical