

Ephraim Linder

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EDUCATION

Boston University PhD in Computer Science Advisors: Adam Smith & Sofya Raskhodnikova	2022 - present <i>Boston, MA</i>
Rutgers University B.S. in Mathematics	2018 - 2022 <i>New Brunswick, NJ</i>

PUBLICATIONS¹

- [1] **Privately Estimating Monotone Statistics in Polynomial Time.** Gavin Brown, Ephraim Linder, Mahbod Majid, Vikrant Singhal. In submission.
- [2] **Refereed Learning.** Ran Canetti, Ephraim Linder, Connor Wagaman. In submission.
- [3] **Online versus Offline Adversaries in Property Testing.** Esty Kelman, Ephraim Linder, Sofya Raskhodnikova. Innovations in Theoretical Computer Science (ITCS), 2025
- [4] **Privately Evaluating Untrusted Black-Box Functions.** Ephraim Linder, Sofya Raskhodnikova, Adam Smith, Thomas Steinke. Symposium on Theory of Computing (STOC), 2025.
- [5] **Local Lipschitz Filters for Bounded-Range Functions.** Jane Lange, Ephraim Linder, Sofya Raskhodnikova, Arsen Vasilyan. Symposium on Discrete Algorithms (SODA), 2025.
- [6] **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 Intern <i>OpenDP</i> · Explored existing tools for differentially private linear regression · Developed new algorithmic approach that improves on prior work	June - September 2025 <i>Boston, MA</i>
Global Plan Team Intern <i>Johnson and Johnson</i> · Built dashboards in Python for supply chain analysis · Automated and documented the data analysis process	June - September 2020 <i>Remote</i>

SERVICE

Boston University <i>Teaching Fellow</i> · Introduction to Analysis of Algorithms - Spring 2026 · Randomness in Computing - Fall 2024 · Probability in Computing - Fall 2023	<i>Boston, MA</i>
Boston University <i>Weekly Seminar Organizer</i>	September 2023 - May 2024 <i>Boston, MA</i>

TECHNICAL SKILLS

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

¹author order is alphabetical