

Eileen Nolan

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EDUCATION

Ph.D. in Computer Science, Brown University (GPA 4.0/4.0) <i>Advised by Anna Lysyanskaya</i>	08/2024 – Present
Sc.M. in Computer Science, Brown University (GPA 4.0/4.0)	08/2024 – 05/2026
B.Sc. in Computer Science, George Mason University (GPA 3.95/4.0)	08/2020 – 05/2024

PUBLICATIONS

SMA²RT: Secret-Metadata Attribute-based Anonymous Rate-limited Tokens. Anna Lysyanskaya and **Eileen Nolan**. In Advances in Cryptology – CRYPTO 2026. (ePrint 2026/518)

Mosaic: A Modular Framework for Private Fuzzy Heavy Hitters. Gayathri Garimella, Peihan Miao, **Eileen Nolan**, Phuoc Pham Van Long, and Siddarth Sitaraman. In ACM CCS 2026.

POSTERS & TECHNICAL REPORTS

Secret-Metadata Attribute-based Anonymous Rate-limited Tokens. RSAC 2026 Security Scholar Poster Session, San Francisco CA, March 2026.

Benchmarking Neural Network Architectures for Strong Gravitational Lens Classification. Fermilab Intern Poster Presentations, Batavia IL, August 2023. OSTI technical report, DOI 10.2172/1995270.

RESEARCH & WORK EXPERIENCE

Graduate Research Assistant, Brown University	06/2024 – Present
Undergraduate Cryptography Researcher, Commonwealth Cyber Initiative	02/2024 – 05/2024
Two Six Technologies	
Research Intern, Machine Learning — Adversarial Attacks (DARPA GARD)	12/2023 – 01/2024
Research Intern, Software Development (DARPA SocialCyber)	12/2022 – 01/2023
Research Intern, Machine Learning (DARPA SocialCyber)	06/2022 – 09/2022
Research Intern, Cybersecurity	01/2022
Science and Technology Intern, Fermi National Accelerator Laboratory	05/2023 – 08/2023
Research Assistant, MERAssociates LLC	05/2020 – 05/2024

TEACHING

Graduate Student Leader, Brown University CS REU	06/2026 – Present
Graduate TA, Intro to Computer Security and Cryptography, Brown University	08/2025 – 12/2025
Undergraduate TA, Formal Methods and Models, George Mason University	08/2023 – 12/2023
Learning Assistant, Calculus I–II and Discrete Math, George Mason University	08/2021 – 05/2024

HONORS & AWARDS

RSAC Conference Security Scholar	2026
Joukowsky Summer Research Award, Brown University	2025
Computer Science First-Year Graduate Fellowship, Brown University	2024
Outstanding Undergraduate Student Award, George Mason University CS	2024
Distinguished Academic Achievement Award, George Mason University CS	2024
OLLI Mason Scholarship Award, George Mason University	2023
Mason Distinction Scholarship, George Mason University	2020 – 2024
Dean's List, George Mason University (all semesters)	2020 – 2024

SERVICE & OUTREACH

Graduate Mentor, YCA Network Mentorship Program	06/2026 – Present
Co-Leader, Graduate Women in Computer Science, Brown University	09/2025 – Present
Regional Volunteer Screener, American Red Cross	08/2025 – Present
President and Vice President, Data Science & Computational Society, GMU	2022 – 2023
Student Advisory Board, Break Through Tech	2021 – 2024