

Kayla Lugo

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EDUCATION

Rutgers University

Bachelor of Science in Computer Science

New Brunswick, NJ

Sep. 2023 – May 2026

Union College

Associate's in Computer Science

Cranford, NJ

Sep. 2021 – May 2023

EXPERIENCE

AT&T Intern – Technical Business Manager

Jun. 2025 – Aug. 2025

Data Analyst, Cybersecurity

Middletown, NJ

- Developed key performance reports, including the Bug Bounty, Sensitive Data, and RAD Remediation Reports, transforming complex metrics into actionable insights for leadership.
- Built Power BI dashboards leveraging large-scale datasets, advanced DAX, and PG Admin/SQL, saving team members 5–10 hours per month in reporting efforts.
- Led week-long training sessions for new TDP full-time hires on Power BI, SQL, and DAX, while ensuring smooth handoff of ongoing projects.
- Showcased new reporting capabilities in multiple demos to business partners, earning recognition for clarity, impact, and solution-oriented mindset.

AT&T Intern - Technical Business Manager

Jun. 2024 – Aug. 2024

Project Manager, Cybersecurity

Middletown, NJ

- Led efforts to identify and remediate unprotected SPI/RPI data across hundreds of AT&T applications.
- Managed a team within the Data Protection Unit using Kanban boards for efficient project tracking.
- Coordinated sensitive discussions with U.S. and offshore teams on data protection protocols and scan results.
- Authored a training guide for future Project Managers, now a key part of team onboarding.
- Presented work to interns, leadership, and executives including AT&T's CISO and VP of Cyber Risk.

PROJECTS

Cryptographic Verification for Electronic Identity Documents | *Research Project*

May 2025 – Jul. 2025

- Co-authored research introducing the Modern Identity Document Security Standard (MIDSS), a patent-pending cryptographic method addressing vulnerabilities in passports, licenses, and IDs.
- Contributed to technical analysis, manuscript editing, and exploration of advanced verification methods including deep learning and quantum-resistant approaches.

ElectraBot | *Flask, JavaScript, Python, HTML, CSS*

Jan. 2023 - May 2023

- Developed ElectraBot, a customized AI chatbot, enhancing project aesthetics using HTML/CSS.
- Utilized web scraping to train ElectraBot, providing students with support for class enrollment, academic advising, financial guidance, and FAQs
- Research findings are published in Union College's IRAP Journal

IRAP Keylogger | *Python, Javascript, HTML, CSS, Wireshark*

Mar. 2022 - Jun. 2022

- Developed a self-designed website using HTML, CSS, and JavaScript and a unique Python keylogger script to simulate a cyber-attack.
- Utilized Wireshark for network traffic monitoring, capturing network packets, and displaying them at a granular level.
- Research findings are published in Union College's IRAP Journal

Cybersecurity Club Website Revamp | *JavaScript, HTML, CSS*

Jan. 2022 - May 2022

- Led the redevelopment of a new website for the Computer Science to Cybersecurity Club using HTML, CSS, and JavaScript, overseeing a team of 8+ club members.

TECHNICAL SKILLS

Languages: Python, C++, SQL (Postgres), JavaScript, HTML/CSS

Frameworks: FastAPI, Bootstrap, PyTorch, Wordpress

Developer Tools: PowerBI, pgAdmin, VS Code, Visual Studio, Eclipse

Libraries: pandas, NumPy, Matplotlib