

Security-Minded Programmer

Programmer focused on high throughput, stability, and security. Full stack and experienced in a variety of languages.

React | Flask | SQL | UNIX | C++

Experience

DataMixMaster, LLC, Remote
Full Stack Web Developer

Aug. 2023 - Present

- Created flexible and reusable React components according to responsive and intrinsic design principles.
- Maintained a rigorous testing environment using Jest and pytest.
- Developed and maintained a complex Flask API.

East Harlem Scholars High School, New York, NY
Computer Science Teacher

Aug. 2022 - Oct. 2023

- Designed and taught a one-semester class in a Harlem high school.
- Created culturally responsive and differentiated lesson plans for beginners in Python.
- Managed over 100 students across five sections for three semesters.

DOE, Security Incident Response Team, New York, NY
Incident Response intern

June - Aug. 2022

- Investigated and remediated cybersecurity incidents on the Department of Education's citywide network.
- Used a full security software stack including:
 - Devo Security Information and Event Manager.
 - XSOAR Security Orchestration, Automation, and Response.
 - Microsoft Cloud App Security.

Education

UC Berkeley School of Information, Remote

May 2024 - April 2026 (expected)

Masters of Information and Cyber-Security (MICS) GPA (as of Spring '25 start of term): 4.0

Relevant classes: Software Security, Network Security, Cryptography, Privacy Engineering, Applied Machine Learning for Cybersecurity

CUNY Hunter College, New York, NY

Aug. 2018 - June 2022

Bachelor of Arts Magna Cum Laude: Computer Science and Classical Studies.

Minors in Music and Mathematics.

Member of ΦBK and ΗΣΦ honor societies, and recipient of the Macaulay Honors scholarship.

GPA: 3.885

Relevant classes: Data Structures and Algorithms, Operating Systems, Network Security

Some Programming Projects

- Custom frontend for Structured Finance Association (via DataMixMaster)
- C++ Turing Machine Simulator
- Capstone Project: AI Image Classification of Musical Instruments.
 - React Native app, Express.js server, TensorFlow.py model