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## Programmer and Educator

Skilled programmer and educator experienced with a variety of languages and frameworks.

C++ | Python | UNIX | React | Git

## Experience

**DataMixMaster, LLC**, Remote  
Full Stack Web Developer

Aug. 2023 - Present

- Created flexible and reusable React.js components.
- Implemented page style designs with Responsive and Intrinsic web principles.
- Maintained a rigorous testing environment using Jest.
- Managed a backend Flask API.

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

Aug. 2022 - Oct. 2023

- Designed, refined, and taught a one-semester class in a Harlem high school.
- Created culturally responsive and differentiated lesson plans for beginners in the Python programming language.
- Managed over 100 students across five sections each semester.
- Led extracurricular activities.

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

June - Aug. 2022

- Logged, 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.
  - Google Admin.

## Education

**Hunter College of the C.U.N.Y**  
Bachelor of Arts Magna Cum Laude: Computer Science / Classical Studies.  
Minors in Music / Mathematics.  
Member of ΦBK and ΗΣΦ  
GPA: 3.885

Aug. 2018 - June 2022

## 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
  - Auxiliary shell scripts in Python
- Python Web Browser
- Laser Chess in the Godot game engine