Boaz Kaufman

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Queens, NY

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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   Aug. 2023 - Present
Full Stack Web Developer

- 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   Aug. 2022 - Oct. 2023
Computer Science Teacher

- 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   June - Aug. 2022
Incident Response intern

- 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   Aug. 2018 - June 2022
Bachelor of Arts Magna Cum Laude: Computer Science / Classical Studies.
Minors in Music / Mathematics.
Member of ΦBK and HΣΦ

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