Haig Emirzian

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LinkedIn | Portfolio | GitHub

EDUCATION

Stevens Institute of Technology | Hoboken, NJ
Bachelor of Science in Cybersecurity   **Expected Fall 2024**
Relevant Classes: Operating Systems, Systems Programming, Computer Architecture, DSA
Languages: Python, C/C++, Java, Ruby, SQL, YAML, Flask, React, HTML, CSS
Software: GitHub, Git, Linux, Ubuntu, Postman, Jira, Smartsheet, Confluence, MS Office

WORK EXPERIENCE

Stevens Technical Enrichment Program (STEP)   **September 2023 - May 2024**
Tutor and Member
- Tutored 10+ students in Systems Programming, Database Management Systems, Theory of Computation, and Intro to CS, helping students in need of academic and financial aid

Comcast   **May 2023 - August 2023**
ERP Cybersecurity Intern: Security Configuration Management
- Developed a Ruby script leveraging the **Microsoft Graph API** to gather data from over 170,000 Comcast devices and parse the JSON file for display on a dashboard
- Established 13 Go/Markdown-based GitHub repositories for standards facilitation
- Automated the repository creation process by developing a Python script that utilizes the **GitHub API**, improving efficiency by 99.9% and ensuring a template-based structure

NBCUniversal   **January 2023 - April 2023**
Distribution Operations & Project Management
- Ensured that content is available to over 200 Partners from NBC and Telemundo based on contractual obligations and troubleshooting any escalations with various groups
- Utilized Smartsheet to clean up the 700+ NBC, Telemundo, and MVPD contact database
- Created and updated workflow documentations (SOPs) for the dNOC team

Oigetit-Fake News Filter   **July 2022 - December 2022**
iOS Quality Assurance Team Lead
- Led the iOS QA team of 12 in testing a private beta for the refreshed iOS app

PROJECTS

Minishell   **March 2023 - April 2023**
- Developed a shell for managing and automating tasks on the command line
- Utilized C to implement the Command Line Interface's (CLI) low-level functions

Dojo   **November 2022 - December 2022**
- Built a functioning CPU in Logisim and an assembler in Python that takes an input of ARM assembly code and converts it into an image file for the CPU to read

Cryptocurrency Withdrawal and Deposit   **June 2022 - July 2022**
- Developed a program to withdraw and deposit crypto from one wallet to another using Solidity and tested the smart contract in the JavaScript Virtual Machine via Remix IDE

EXTRACURRICULARS

Alpha Sigma Phi   **April 2022 - December 2022**
Diversity, Equity, and Inclusion Chair
- Educated my Brotherhood by relaying information from DEI training sessions
- Held 1-on-1 discussions with Brothers to prevent exclusive behavior

Tigers in the Money   **September 2020 - June 2021**
- Founded and served as President of the club to educate students on the importance of investing and money management with in-depth financial tools and derivatives