

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

[Weight Loss Prediction Model](#)

November 2023 - February 2024

- Engineered a SARIMA-based predictive model leveraging MyFitnessPal data, resulting in a 40-pound weight loss and tailored forecasts for continued progress

[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

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