

NAOMI MEININGER

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PROFESSIONAL SUMMARY

Software Engineer who interned with Major League Baseball and Blue Cross Blue Shield, led projects with Tufts TAMID, and taught computer science, leveraging a diverse skill set in programming, data analysis, and network security.

EXPERIENCE

- Major League Baseball, Test Engineering Intern** June 2024 – Present
- Implement **Playwright** tests for MLB homepage and Home Run Derby Bracket using **JavaScript, GraphQL, and React**
 - Create a **TestRail** and **Playwright** integration tool to upload Playwright tests results directly to TestRail
 - Streamline **automated testing** for the All Star Ballot by adding **data-testids** to the **React** codebase
- GainGuard, Software Developer** Jan 2024 – April 2024
- Refine the **User Interface** using **React** and **CSS** to use GainGuard on web and mobile
- Blue Cross Blue Shield of Massachusetts, Full Stack Software Engineering Intern** June 2023 – Aug 2023
- Utilize **Spring Boot, Selenium, Java, and Python** to scrape **LogRocket** data and store it in **PostgreSQL**
 - Develop a **Random Forest Model** to predict top 3 links for 5 insurance plans
 - Create an **Angular Service** with **Python** backend to display links on BCBSMA homepage
 - Enhance security and integrate endpoints using **Spring Boot, Python, and Angular** in MyBlue developer tools
- Tufts TAMID, President, Co-Director of Data Science Sector, Associate Data Scientist** Oct 2020 – April 2024
- Manage consulting, finance, data science, and budgeting while coordinating projects, membership, and sector education
 - Apply knowledge of data science, including **deep neural networks** and **decision trees**, to real-world projects
- Tufts University, Teaching Assistant for Computer Science** Aug 2021 – May 2024
- Conduct student instruction on **recursion, pointers, and functional programming**
 - Manage office hours, grade assignments, lead a 26-person lab, and contribute to course infrastructure
- Girls Who Code, Teaching Assistant for Summer Immersion Program** May 2022 – Aug 2022
- Teach **HTML, CSS, and JavaScript** while fostering sisterhood and promoting female representation in STEM

SKILLS

Programming Languages: C++, C, Python, Java, HTML, CSS, JavaScript, JQuery, Typescript, PHP, LaTeX, SQL
Libraries, Databases, and Frameworks: Node, Angular, Spring Boot, Flask, React, PgAdmin, PostgreSQL, GraphQL, MongoDB
Coding and Hosting Platforms: VsCode, Google Colab, Jupyter Notebook, SiteGround, Heroku
Software Tools: Selenium, BeautifulSoup, Git, Gitlab, Atlassian Jira, Confluence, TestRail, Playwright, AWS and HPC Clusters
Network Security Tools: Wireshark, Nmap, Netcat, Scapy, Shodan, John the Ripper, Hashcat, Sqlmap, Burp Suite, apktool
Data Science and Machine Learning: Scikit-learn, Pandas, Tensorflow
Non-Native Languages: Professional Working Spanish, Beginner Italian

PROJECTS

[Alarm \(Python, Scapy\)](#)

- Develop a network incident detection tool that enables users to identify potential vulnerabilities and security breaches in network traffic using **live network streams** and **sets of PCAP files** for various security incidents

Theta Budget Tracker (HTML, CSS, JavaScript, Jquery, Selenium, Python)

- Develop sorority budget management platform, utilizing **Selenium** for budget scraping and **Heroku** for deployment

EDUCATION

Tufts University

Sept 2020 – May 2024

Bachelor of Science in Computer Science, Minors in Mathematics and Theater, Magna Cum Laude

INTERESTS

Musical Theater, Disney, Sousaphone, Trivia, Community Outreach