NAOMI MEININGER

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PROFESSIONAL SUMMARY

Software Engineer who has 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 — Aug 2024
- Implement **Playwright** tests for the MLB homepage and Home Run Derby Bracket using **JavaScript**, **GraphQL**, **Forge CMS**, **Apollo**, and **React**
- Develop integration tools for **TestRail** and **Slack** to upload **Playwright** test results directly to the platforms, utilizing **GitHub Actions**, **the TestRail API**, **the Slack API**, and **JUnit**
- 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 and Frameworks: Node, Angular, Spring Boot, Flask, React, Apollo, Forge CMS, GraphQL, npm, Yarn
Databases and APIs: PgAdmin, PostgreSQL, MongoDB
Coding and Hosting Platforms: VsCode, Google Colab, Jupyter Notebook, SiteGround, Heroku
Software Tools: Selenium, Beautiful Soup, Git, Gitlab, Jira, Confluence, TestRail, Playwright, AWS, HPC, GitHub Actions
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)
- Build a sorority budget management platform using **Python with Flask** for the backend, **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