

# NAOMI MEININGER

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## PROFESSIONAL SUMMARY

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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

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**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

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**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, BeautifulSoup, Git, Gitlab, Jira, Confluence, TestRail, Playwright, JUnit, 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

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### 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

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**Tufts University**

Sept 2020 – May 2024

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

## INTERESTS

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Musical Theater, Disney, Sousaphone, Trivia, Community Outreach