

# Naomi Meininger

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## EDUCATION

**Tufts University, Medford, MA**

Expected Graduation: May 2024

*Bachelor of Science in Computer Science, Minors in Mathematics and Theater*

**GPA:** 3.67 / 4.0, Dean's List

**Relevant Courses:** Data Structures, Algorithms, Programming Languages, Web Programming, Data Science and Data Analysis, Introduction to Security, Ethics for AI, Internet-scale Distributed Systems, Machine Structure and Assembly-Language Programming, Mathematical Modeling, Computational Theory, Real Analysis, Sports Analytics, Data and Power: Surveillance

## SKILLS

**Programming Languages:** C++, C, Python, Java, HTML, CSS, JavaScript, JQuery, Typescript, PHP, LaTeX, SQL, Impcore, Scheme, SML, NML

**Libraries, Databases, and Frameworks:** Node, Angular, Spring Boot, Flask, React, PgAdmin, PostgreSQL, Scikit-learn, Pandas, Tensorflow, MongoDB

**Coding and Hosting Platforms:** VsCode, Google Colab, Jupyter Notebook, SiteGround, Heroku

**Software Tools:** Selenium WebDriver, Git, Gitlab, Atlassian Jira, Confluence, Excel, Microsoft, Slack, AWS and HPC Clusters

**Networking and Security Tools:** Wireshark, Nmap, Netcat, Scapy, Shodan, John the Ripper, Hashcat, Sqlmap, Burp Suite

**Non-Native Languages:** Professional Working Spanish, Beginner Italian

## EXPERIENCE

**Major League Baseball, Test Engineering Intern**

Start Date: June 2024

**GainGuard, Software Developer**

January 2024 – Present

- Enhanced the **UI** using **React** and **responsive features of CSS** to seamlessly allow users to use GainGuard on both web and mobile devices

**Blue Cross Blue Shield of Massachusetts, Full Stack Software Engineering Intern**

June 2023 – Aug 2023

- Initially utilized **Spring Boot**, **Selenium**, and **Java** to scrape **LogRocket** navigation data, later transitioning to **Python** for speed, and stored cleaned data in a **PostgreSQL** database
- Developed a **Random Forest** model to predict top 3 links for 5 general insurance plans
- Created an **Angular Service** with **Python** backend to display unique links based on insurance plans on BCBSMA website homepage
- Enhanced security using **Spring Boot** features **SecurityFilterChain** and **Beans** and integrated multiple endpoints for data display using **Spring Boot**, **Python**, and **Angular** in MyBlue developer tools

**Tufts TAMID, President**

Dec 2021 – Dec 2022

**Tufts TAMID, Co-Director of Data Science Sector**

Apr 2021 – Dec 2021

**Tufts TAMID, Associate Data Scientist**

Oct 2020 – Present

- Oversaw consulting, finance, data science, and budget, while coordinating projects and membership and teaching data science education
- Learned about various aspects of data science, such as **deep neural networks** and **decision trees**, and applied this knowledge to professional and real-world experience, most recently through a project with TropX

**Tufts University, Teaching Assistant for Computer Science**

Aug 2021 – Present

- Conduct student instruction on **recursion**, **pointers**, and **functional programming**, while also managing office hours, grading assignments, leading a weekly 26-person lab, and contributing to course infrastructure

**Girls Who Code, Teaching Assistant for Summer Immersion Program**

May 2022 – Aug 2022

- Taught **HTML**, **CSS**, and **JavaScript** while promoting sisterhood and making an impact with STEM and computing

## PROJECTS

**Alarm (Python, Scapy)**

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

**Theta Budget Tracker (HTML, CSS, JavaScript, JQuery, Selenium, Python)**

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

## INTERESTS

Musical Theater, Disney, Sousaphone, Trivia, History, Judaism, Community Outreach