Naomi Meininger

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EDUCATION

Tufts University, **Medford, MA**   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, GraphQL, MongoDB
Coding and Hosting Platforms: VsCode, Google Colab, Jupyter Notebook, SiteGround, Heroku
Software Tools: Selenium WebDriver, Beautiful Soup, Git, Gitlab, Atlassian Jira, Confluence, TestRail, Playwright, AWS and HPC Clusters
Networking and 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

EXPERIENCE

Major League Baseball, *Test Engineering Intern*   June 2024 – Present

GainGuard, *Software Developer*   January 2024 – April 2024
- 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 – April 2024
- 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 – May 2024
- 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, Community Outreach