

# 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:** Real Analysis, Data Structures, Mathematical Modeling, Machine Structure and Assembly-Language Programming, Data Science and Data Analysis, Data and Power: Surveillance, Programming Languages, Web Programming, Algorithms, Internet-Distributed Systems, Ethics for AI

**Spring 2024:** Sports Analytics, Introduction to Security, Computational Theory

## SKILLS

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

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

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

**Software Tools:** Selenium WebDriver, Git, Gitlab, Atlassian Jira, Confluence, Excel, Microsoft, Slack

**Networking and Security Tools:** Wireshark, Nmap, Netcat, Scapy, Shodan

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

## EXPERIENCE

**GainGuard, Software Developer**

January 2024 – Present

- Enhanced the UI of the GainGuard platform 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

- Scraped data from LogRocket navigation initially using Spring Boot, Selenium, and Java before switching to Python and Selenium due to speed restrictions, sent the response to a Python driver file, and then cleaned the data before sending it to a PostgreSQL database
- Built a Random Forest model to predict the top 3 links for 5 general insurance plans
- Designed an Angular Service and Python backend to display the unique set of generated links based off one's insurance plan on the homepage of the BCBSMA website
- Implemented features such as pop up windows and new pages using Angular, improved the security using SecurityFilterChain, Spring Boot, and Beans, and connected multiple endpoints to display relevant data 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 the consulting, finance, and data science sectors of TAMID at Tufts and managed the chapter's budget
- Coordinated projects and membership, organized and taught education sessions in a variety of data science topics
- 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

- Teach students recursion, pointers, and functional programming and assisted with course infrastructure
- Staff office hours, grade students, and lead a 26 person lab each week while assisting with 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 a platform that allows executive members of my sorority, Kappa Alpha Theta, to interface with the sorority budget
- Utilized Selenium to scrape the budget from my VP of Finance account and Heroku to deploy the website

## INTERESTS

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