

# Naomi Meininger

nmein18@gmail.com | 201.957.3868 | [www.linkedin.com/in/naomi-meininger](https://www.linkedin.com/in/naomi-meininger) | <https://github.com/naomi-meininger> | [https://naomi-meininger.github.io/personal\\_website/](https://naomi-meininger.github.io/personal_website/)

## EDUCATION

**Tufts University, Medford, MA**

Expected Graduation: May 2024

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

**GPA:** 3.70 / 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

**Fall 2023:** Algorithms, Internet-Distributed Systems, Ethics for AI

**Skills:** C++, C, Python, Java, Typescript, HTML, CSS, JavaScript, JQuery, PHP, Node, Angular, Spring Boot, Selenium WebDriver, Git, Gitlab, Atlassian Jira, Confluence, SQL, PostgreSQL, MongoDB, Pandas, Scikit-learn, Tensorflow, Impcore, Scheme, SML, NML, LaTeX, Excel, Microsoft, Google Colab, Jupyter Notebook, VsCode, Slack, SiteGround, Heroku, Professional Working Spanish, Beginner Italian

## EXPERIENCE

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

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 five 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 popup windows and new pages, improved the security using SecurityFilterChain, Spring Boot, and Beans, and connected multiple endpoints to display relevant data in MyBlue developer tools

**President, Tufts TAMID, Medford, MA**

Dec 2021 – Dec 2022

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

Apr 2021 – Dec 2021

**Associate Data Scientist, Tufts TAMID, Medford, MA**

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

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

Aug 2021 – Present

- Teach students recursion, pointers, and functional programming
- Staff 3 office hours, grade 10 students, and lead a 26 person lab each week while assisting with course infrastructure

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

May 2022 – Aug 2022

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

**Exercise Modeling Data Intern, TropX, Medford, MA**

Oct 2021 – Dec 2021

- Trained binary classification model on exercise data using Keras LSTM layer that identifies the correct execution of exercises

## PROJECTS

**Image Compressor and Decompressor (C)**

- Applied a Discrete Cosine Transformation and bit packing techniques to compress a ppm image to a binary file
- Utilized bitwise operations to decompress a binary file to a ppm image while averaging 2% data loss

**E4U (HTML, CSS, JavaScript, JQuery, Node.js)**

- Designed a web application that utilizes MongoDB to create user profiles, add workouts, search for relevant exercises in an API, view past workouts, and edit and delete past workouts

**Theta Tracker (HTML, CSS, JavaScript)**

- Designed a website that would allow members of my sorority, Kappa Alpha Theta, to access points and financial dues using a password-encryption system without having to contact the Vice President of Administration or the Vice President of Finance

## INTERESTS

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