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: 3.70 / 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

Programming Languages: C++, C, Python, Java, Typescript, HTML, CSS, JavaScript, Jquery, PHP, LaTex, SQL, Impcore, Scheme, SML, NML
Libraries, Databases, and Frameworks: Scikit-learn, Tensorflow, MongoDB, PgAdmin, PostgreSQL, Node, Angular, Spring Boot
Coding and Hosting Platforms: Google Colab, Jupyter Notebook, VsCode, SiteGround, Heroku
Software Tools: Selenium WebDriver, Git, Gitlab, Atlassian Jira, Confluence, Excel, Microsoft, Slack
Non-Native Languages: Professional Working Spanish, Beginner Italian

EXPERIENCE

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 popup 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 3 office hours, grade 10 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

TropX, *Exercise Modeling Data Intern*   Oct 2021 – Dec 2021
- Trained binary classification model on exercise data using Keras LSTM layer that identifies the correct execution of exercises

PROJECTS

E4U (HTML, CSS, JavaScript, Jquery, Node)
- Designed a web application that utilizes MongoDB to create user profiles, add workouts, search for relevant exercises in an API, view, edit, and delete past workouts

Theta Budget Tracker (HTML, CSS, JavaScript, Jquery, Selenium, Python)
- Designed a platform that allows executive members of my sorority, Kappa Alpha Theta, to access their remaining budget for the year
- 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