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: Calculus III, Linear Algebra, 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, SQL, MongoDB, PHP, Node.js, Heroku, Pandas, Scikit-learn, Tensorflow, HTML, CSS, JavaScript, Jquery, Impcore, Scheme, SML, NML, LaTex, Excel, Professional Working Spanish, Beginner Italian

EXPERIENCE

Full Stack Software Engineering Intern, Blue Cross Blue Shield of Massachusetts, Boston, MA   State Date: June 2023

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

Data Science Intern, KashKlik, Medford, MA   Feb 2021 – May 2021
- Used NER and NLP techniques to classify social media content and improve the efficacy of KashKlik's automated marketing platform

President, Tufts TAMID, Medford, MA   Dec 2021 – Dec 2022
- Oversaw the consulting, finance, and data science sectors of TAMID at Tufts and manage the chapter's budget

Co-Director of Data Science Sector, Tufts TAMID, Medford, MA   Apr 2021 – Dec 2021
- 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 Intro to Computer Science (CS 11), Tufts University, Medford, MA   Aug 2021 – Present
- Teach students topics such as recursion, linked lists, and pointers, lead a 26 person lab, assist 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

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