Adam Jack Rubinstein

Brooklyn, NY * 415-652-3012 * Adamjack36@gmail.com * GitHub

EDUCATION

Tufts University   **Medford, MA**
Bachelor of Arts in Computer Science, minor in Mathematics   Dec 2022
GPA: 3.88   **Honors:** Dean's list – all semesters, graduated Summa Cum Laude
Relevant coursework: Deep Neural Networks, Algorithms, Programming Languages, Abstract Algebra, Machine Structure and Assembly-Language Programming, Probability, Security, Computation Theory, Linear Algebra

EXPERIENCE

Roama   **New York, NY**
Software Engineer   Jan 2024 - Present
- Independently designed and developed Roama, achieving a 5-star rating on the App Store
- Developed a React Native mobile app for travel planning and organization featuring real-time editing capabilities akin to Google Docs, using a Postgres backend
- Implemented Roama AI with LangChain capable of answering travel questions and building itineraries

GT School   **New York, NY**
AI Prompt Engineer Contractor   July 2023 – Oct 2023
- Led a team responsible for the development of prompts for multiple-choice-question generation for SAT and other school subjects using LLMs, while collaborating with academic experts to ensure quality
- Designed and implemented the data structures, workflows, prompt design, and prompt engineering
- Automated several workflows for the team using LangChain and GAS/Python scripts

NXP Semiconductors   **Austin, TX**
Software Engineer / Data Engineer Intern   May 2022 – Aug 2022
- Built an automated data pipeline in Python to sync a database view from AWS to a local MySQL table
- Improved time and memory performance by 90% of internal web reports in PHP using the sync
- Communicated with Dutch, Indian, and locally-based teams about their needs for the project
- Wrote a script to semi-automate an important manual workflow for database creation
- Increased workflow accuracy while decreased manual time spent by 80%

Mass. Eye and Ear, SPEL Lab   **Boston, MA**
Computer Science Intern   June 2021 – Sep 2021
- Designed and built a GUI and data pipeline for a facial tracking application for doctors using Python
- Analyzed and displayed data from a deep learning point-tracking module for videos, performing calculations for metrics of interest such as eye-opening and smile symmetry.

Tufts University, Department of Computer Science   **Medford, MA**
Teaching Fellow, Machine Structure and Assembly-Language Programming   Sep 2020 – Dec 2022
- Held 6-8 office hours weekly to support student projects and ensure conceptual understanding
- Lead review sessions for exams on topics such as assembly language and cache efficiency

SKILLS

Programming Languages: C, C++, Python, SQL, PHP, JavaScript, Bash
Frameworks / Technologies: Git, LaTeX, Scikit-learn, PyTorch, Kaggle, GPT, Midjourney, React Native, AWS Athena, MySQL, PostgreSQL, LangChain
Foreign Languages: Hebrew and Spanish

PROJECTS

Soccer Match Predictor   Dec 2022
- Created a deep learning model to predict soccer match outcomes using statistics and headlines
- Achieved accuracy of 65.2%, better than any other similar publicly available model or paper

ACTIVITIES & LEADERSHIP

Tufts Men's Rugby Club   **Medford, MA**
Treasurer / Head of Recruitment / Player   Sep 2019 – Dec 2022