Mahyar Vahabi

831-332-7980 | mahyarvahabi@gmail.com | linkedin.com/in/mahyar-vahabi-0995287b | mvahabi.github.io/website/

EDUCATION

University of California, Santa Cruz — March, 2024

- Bachelor of Science in Computer Science
- GPA: 3.75
- Related Coursework: Data Structures and Algorithms - Programming Abstractions: Python - Computer Systems Design (Multi-Threading) - Machine Learning - Database Systems - Computer Networks - Computer Architecture

EXPERIENCES

Computer Science AI Trainer — June 2023 - *present*

Scale AI — *San Francisco, CA*

- Lead diverse projects aimed at refining generative AI models, through strategic problem-solving methods
- Evaluated and ranked code responses generated by AI models, leveraging a deep understanding of code quality
- Implemented comprehensive code samples, in different languages, with logical reasoning to guide the AI models' responses
- Utilized full-stack knowledge to enhance AI model performance, effectively identifying and resolving any issues

Course Tutor and Reader — Jan. 2022 - *present*

Baskin School of Engineering @ UCSC — *Santa Cruz, CA*

- Provided personalized one-on-one instruction to students, with a strong focus on data structures
- Assisted students through explicit communications, understanding complex concepts implemented in C/C++
- Adapted teaching methods to cater to individual learning styles
- Facilitated notable academic achievements, empowering students to enhance their problem-solving skills

SWE Intern — Aug. 2022 - Jan. 2023

Baskin School of Engineering @ UCSC — *Santa Cruz, CA*

- Implemented a lifesaving API designed in Python for biomedical purposes
- Leveraged advanced Machine Learning techniques to analyze intricate patterns within patients' medical data
- Innovatively predicted possibilities of both minor and major diagnoses, approaching with a creative mindset, problem-solving skills, and domain expertise outside of the field of software
- Demonstrated comprehensive API knowledge in the development of a lifesaving solution
- Collaborations with a team of researchers and biomedical engineers

SWE Intern — Aug. 2021 - Jan. 2022

Learning and Experimental Economics Projects Lab @ UCSC — *Santa Cruz, CA*

- Pioneered simulations of brand-new economic theories
- Generated models for stock market and crypto price predictions
- Engineered a sophisticated web interface using Python's oTree platform
- Contributed to improving user experience with the platform
- Modeled and provided responsive graphing for visualizing data to users

TECHNICAL SKILLS

Software: C/C++, Python, Java, SQL & QBE, HTML/CSS/JavaScript, MATLAB

Others: Object-Oriented-Programming, Data Structures, Machine Learning, Databases, Networking, Full-Stack

Languages: English, Farsi/Persian, Spanish