ARMAN MIRI

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EXPERIENCE

Software Engineering Intern

Peltbeam, Newport Beach, Ca

- Collaborate with cross-functional teams to integrate software and hardware systems, ensuring seamless operation and high performance.
- Focus on optimizing signal strength, increasing capacity, and improving connectivity in complex environments.
- Conduct performance testing and debugging to refine software features and improve system reliability.

Private Tutoring / College Counseling

Remote/In Person

- Specialize in tutoring Math, Physics, Computer Science, and similar topics.
- Guide students through the college application and community college transfer process, including essay writing, resume building, and preparing for interviews.

EDUCATION

Santa Clara University, Santa Clara, CA

B.S. Computer Science, Mar 2025

- Actively pursuing a specialization in Artificial Intelligence, with a keen interest in exploring its applications and innovations. Committed to deepening my understanding and contributing to advancements in the AI domain.
- Relevant Coursework: Theory of Algorithms, Statistics, Web and Data Mining, Embedded Systems, Logic Design, Advanced Programing

Foothill College, Los Altos Hills, CA

Computer Science for Transfer, June 2022

- Focused on C++ mastery at Foothill, with additional coursework in Python and Java, culminating in a GPA of 3.92 and a strong foundation for advanced studies in computer science.
- Relevant Coursework: Linear Algebra, Differential equations, Data Structures, Discrete Math, Object Oriented Programing, Calculus

SKILLS

Languages: Python, C, C++, JavaScript, HTML, CSS, Swift, Qt, Pandas, React.js, SQL, MongoDb
Operating Systems: Linux, Mac OS, Windows
Tools: Node.js, Pycharm, Jupyter Notebooks, Vscode, Qt Creator, Git, FTP Client, DataGrip
Cloud Platforms and Services: AWS EC2: Experience with Linux virtual machines to run applications

PROJECTS

Personal Site

- Developed a dynamic web application utilizing React.js, showcasing a responsive and user-friendly interface.
- Published using an AWS Ec2 server and used port forwarding to my personal site URL

Social Network

- Comprehensive social networking platform managing user interactions, connections, and data.
- Employs depth-first search algorithms for analyzing user groups and content management.
- Advanced features include friend suggestions based on mutual connections.
- Handles user posts with customizable privacy settings for content visibility control.
- Prioritizes user experience and ensures data integrity throughout the platform.