

ARMAN MIRI
270 W MEADOW DR, PALO ALTO, United States, 94306
(650)-465-6998 asmiri03@gmail.com armanmiri.com

EXPERIENCE

Software Engineering Intern

Peltbeam, Newport Beach, Ca

- Performing board-level testing and diagnostics, collaborating with cross-functional teams to integrate hardware and software systems.
- Utilizing machine learning models and optimization tools to enhance network performance and refine antenna placement strategies.
- Improving system reliability through performance testing, debugging, and implementing software updates on repeaters.
- Managing full-stack projects, from hardware board-level to user interface development, ensuring seamless operation and high performance.
- Conducting site surveys to identify and test optimal locations for 5G antenna (gNodeB) installations, ensuring thorough evaluation of signal strength and network performance.
- Created and maintained comprehensive documentation to enhance user experience, ensuring clear guidance for end-users and seamless team collaboration on technical processes and features.

Private Tutoring / College Counseling

Remote/In Person

- Specializing in tutoring Math, Physics, Computer Science, and similar topics.
- Guiding 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 Programming, Data Science, Machine Learning, Theory of Automata

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, forming strong foundation for advanced studies in computer science.
- Relevant Coursework: Linear Algebra, Differential equations, Data Structures, Discrete Math, Object Oriented Programming, 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, CUDA

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