

**ARMAN MIRI**  
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## 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.
- Creating and maintaining 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 Programing, 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 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, 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