

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

## 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.

## SKILLS

**Languages:** Python, C, C++, JavaScript, HTML, CSS, Swift, Qt, Pandas, React.js

**Operating Systems:** Linux, Mac OS, Windows

**Tools:** Node.js, Pycharm, Jupyter Notebooks, Vscode, Qt Creator, Git

**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.
- ☐ Leveraged AWS services for efficient deployment, ensuring seamless scalability and optimal performance for users.

### *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.

### *Data Science Project*

- ☐ Employed machine learning techniques on a dataset with user attributes to identify Twitter bots.
- ☐ Conducted data preprocessing, handling missing values using machine learning best practices.
- ☐ Leveraged data visualization to discern patterns between friends and followers' count.
- ☐ Enhanced feature engineering by introducing binary columns based on a "Bag of Words" approach.
- ☐ Implemented a Decision Tree Classifier, a machine learning model, for effective bot classification.

### *Security Project*

- ☐ Analyzed a C program to pinpoint a buffer overflow vulnerability.
- ☐ Visualized the program's memory layout to understand data storage.
- ☐ Used debugging tools to inspect memory effects and emphasize secure coding practices.

## EXPERIENCE

### **Barista/Cashier**

*Palo Alto Cafe*, Palo Alto, Ca

Feb 2019 - Aug 2019

- ☐ Approached and solved problems with initiative and sound judgment.
- ☐ Gave customers full attention and attended to their needs.
- ☐ Provided information to customers on products or services.
- ☐ Addressed customer questions and complaints with professionalism.
- ☐ Covered multiple store areas by cross-training in different roles.

### **Sampling of My Software Projects:**

<https://github.com/armanmiri>