

# Marcus Lang

(925) 434-7715 marclang987@gmail.com

San Jose, CA

## Education

**San Jose State University** - Software Engineering Major, Graduating May 2025

Starting college with 24 college credits

Relevant courses:

- Completed: CS46B(Intro to Data structures and Algorithms), Math42(Discrete Math)
- In Progress: CS146(Data structures and Algorithms), CMPE102(Assembly Language), CMPE131(Intro to Software Engineering)

**Amador Valley High School** - 4.12 GPA

- Received the AP Scholar with Distinction twice, granted to students who receive an average score of at least 3.5 on all AP Exams taken, and scores of 3 or higher on five or more of these exams.
- Scored a 1540 SAT
- College Board, AP Computer Science Advanced Exam Score: 5/5
  - Learned about java methods, objects, classes, data types, OOP, ethics, and more

## EXPERIENCE

**VEX Robotics Club at Amador Valley High School**, build captain August 2021 - June 2021

- I am the build captain in my school's robotics club.
- I work with all team members and delegate building and coding the robot to get ready for competitions.
- Over the past 4 years, we hosted two competitions in Amador Valley High School. We started from scratch with no prior example to follow. We completed lots of research and contacted the organizer to begin hosting. We not only hosted a successful event but also raised money for our team to upgrade our Robot.

**Engineering For Kids**, intern June 2019 - August 2019

- Gained first-hand experience of teaching kids in a fun and constructive manner.
- I worked with other counselors to lead and motivate the kids to complete all hands-on activities.
- I prepared my own lesson plans that improved student learning

**Valley Children's Museum**, teen council member June 2018 - August 2021

- I was responsible for planning and implementing weekly projects for young kids
- I coordinated with other team members to design projects, to use and reuse limited materials to create fun and educational science activities every week.
- Focused heavily on STEAM

## PROJECTS

- hAPPy - project that won 3rd place in a local hackathon. Over 12 teams participated in my county. Our app was aimed to help reduce stress and boost mental health with an AI bot that would talk to users and give them resources to engage with. I was in charge of using google AI to recognize keywords.

## SKILLS

Python (and Standard Library), Java, HTML

