**Objective Statement**

**Montana R Sanchez**

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Computer engineering student seeking an internship with NASA Jet Propulsion Laboratory working in the computer engineering field.

# Education

University of California Santa Cruz (UCSC) Computer Engineering

Expected Graduation Date – June 2028

3.97 GPA

# Work Experience

Spring 2025/Year to Present

Summerkids July 2024 - August 2024, July 2023 - August 2023, July 2022 - August 2022 Summer Camp Counselor

Responsibilities included supervising campers, administering first aid, provide archery instruction, leading camp activities, and organizing camp sing-a-longs. Collaborated with lead counselor in forming outdoor events for age groups K through 8th. Mentored campers on Nature Hikes teaching about local wildlife and outdoor safety.

Certifications:

Current American Red Cross Standard First-Aid & CPR certification

# Academic Experiences

High School Senior Project:

Developed a video game in Python based of Nintendo’s Super Mario Brothers.

Created logic for the game environment simulating sprites that a user could control via the keyboard interface. Wrote functions that handled the jump sequences and boundary layers of the game. The code implemented also kept track of game stats which included, number of lives, levels played and score.

High School Robotics Team:

Reverse engineered functionality of a preexisting robot that was built by previous year’s team. Implemented java methods to handle actions of the robots control actuators for movements that were required. Built and wired new pieces and programed the components mobility of those parts.

# Related Coursework

Python for Game Development, Java for Game Development, Java for Robotic Controls, Calculus, Physics, 3D Printing

# Skills

Python, HTML5, Java, Java Script, C, Git, Windows

# Extracurricular Activities

Audio Engineer for high schools’ music events. Guitar mentor for high school bands performances. Mentor for High School Robotics Team

Additional Sections:

* Academic Publications/Presentations
* Awards & Honors
* Hobbies/Interests