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Software Engineer

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Education

SJSU, Computer Engineering Undergrad, N/A GPA	August, 2021 - May, 2025
◆ Introduction to Data Structures.	Fall 2021
CodeHS, Intro to computer science: Python certification	June, 2020
◆ Self <i>studied</i> an introductory Python course consisting of recursion , and more.	
Rodriguez High School, Highest Honors Graduate, 4.2 GPA	June 2021
◆ Received the College Board's highest honor, the AP Scholar with Distinction by meeting the College Board's criteria .	July 2021
◆ AP Computer Science Advanced Exam Score: 5/5	July 2021
◆ AP Computer Science Principles Exam Score: 5/5	July 2019

Experience

Peer Education, Learning Assistant, San Jose	January 2022 - Present
◆ <i>Leading</i> small group <i>discussions</i> to ensure that all students understand the data structure .	
CA Fellowship, Code Mentor, San Jose	August 2021 - Present
◆ <i>Teaching</i> two grade school students scratch to help underserved kids break into the tech.	
Google, CSSI:Online Participant, Remote	Summer 2021
◆ Completed an introductory project-based JavaScript and p5 processing curriculum.	
◆ Attended and participated in product design and software engineering interview workshops.	
◆ Collaboratively developed and deployed my idea, awarded the most creative project, in 4 days.	

Projects

Passive Cool	May 2021 - Present
◆ Created <i>automated</i> instructions based on logic comparing indoor and outdoor temperatures.	
◆ <i>Self-studied</i> Android studio and Firebase to create a weather app using openWeather API .	
◆ <i>Recruited</i> and <i>trained</i> three teammates and used Github to <i>collaborate</i> .	

Activities

Rodriguez Robotics Club, President, Rodriguez High	August - July 2021
◆ Designed a <i>project based</i> Python curriculum and collaborated with fellow officers to make the content accessible via social media .	
◆ Organized teams 4 to compete in VRAD, a Virtual Robotics Aerial Drone competition based on coding autonomous aerial drones to retrieve more minerals than the opponent.	
◆ Helped 13 members achieve success in VRAD, as shown by 50% of our teams making semi-finals out of 133 teams.	
Cyber Start America Competition, Semi-Finalist , Remote	September - March 2021
◆ Ranked semi-finalist with 17% of the 25,000+ high schoolers nationwide in an introductory cyber security competition.	
◆ Practiced exploiting web vulnerabilities , by completing 60% of the 200+ challenges, to understand web vulnerabilities and defend against them.	

Languages:	Java	Python	p5.js	Spanish	English
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