Alexander Garcia

Software Engineering Student

📞 (760) 543-6260

✉ me@alexandermgarcia.com

in /alexandermgarcia

🌐 alexandermgarcia.com

⌗ /djauxel

Experience and Projects

JAN 2019 - PRESENT

T - Zero
Personal Project
- In the process of creating an Android app that tracks spaceflights
- Integrated the Launch Library API to retrieve real-time spaceflight data
- Designed the UI/UX and modeled the project's data objects, attributes, and their relationships through UML diagrams

SEP 2018 - DEC 2018

Cougar Pantry
California State University, San Marcos
- Created a web application for the university's student food pantry
- Utilized gulp.js as a streaming build system and Bootstrap for the front-end
- Collaborated with industry professionals and students to meet client's expectations

AUG 2018

Google CSSI Extension Participant
California State University, San Marcos
- Created a web application that recommends places to explore in San Diego
- Developed the front-end of the web application using HTML, CSS, JavaScript, and the back-end using Python and Jinja2
- Utilized Google Cloud Datastore to store and manage user data
- Integrated OpenWeatherMap and Yelp API to retrieve real-time data

AUG 2016 - MAY 2018

Lead Programmer
Alpha Knights Robotics, San Marcos High School
- Collaborated with a group of 19 high school students to design and build a robot to compete in a high energy environment
- Designed the software architecture of an autonomous/tele-op robot
- Developed and implemented autonomous path finding
- Refactored and documented the robot's code
- Implemented Agile software development to encourage a rapid and flexible response to change

Technical Skills

Web Development	●●●○○○○
Android Development	●●●●○○○
Design	●●●●●○○
C++	●●●●●●○
Java	●●●●●○○
Python	●●●●○○○

Soft Skills

Problem Solving	●●●●●○○
Teamwork	●●●●●●○
Communication	●●●●●●○
Adaptability	●●●●●○○
Creativity	●●●●●●○

Education

California State University, San Marcos

Bachelor of Science, Software Engineering
Expected Graduation 2022
GPA 3.21

Achievements

MAR 2018

Excellent Academic Achievement
California State Senate

Awarded by the California State Senate for "unyielding commitment to academic excellence, personal growth and unwavering dedication to cyber security through outstanding participation in the 2018 SoCal Cyber Cup Challenge."