

Alan Rodriguez

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OBJECTIVE

Seeking a Software Engineering related internship.

EDUCATION

B.S., Computer Science, May 2021

San Jose State University, San Jose, CA

Relevant Coursework: Data Structures, Advanced C++, Java, Assembly Language, Linux, Formal Languages and Automata

Technical Skills

C, C++, Java, Python, JavaScript, ReactJS, Swift, Go, Linux, SQL, MS Office

PROJECTS

Artificial Reality App

August 2019 - Present

- Incorporate Apple's Artificial Reality API into my app.
- Enhance the user's experience by allowing them to interact with lifelike animations.

Two Dimensional Game App

August 2019 - Present

- Taking initiative to build apps that will be uploaded to the App Store.

Image Parsing Algorithm

August 2019 - September 2019

- Developed an algorithm that extracts text from images using python.

School Video Game Development, De Anza College

Winter 2018

- Produced a fully-functioning C++ game using SFML libraries and presented to a class.
- Analyzed code with a keen eye to identify any bugs in my code.
- Assumed lead role and managed a team of 4 students to design and develop a game in C++.

Arduino Uno R3 Fridge Opener,

March 2018

- Engineered an Arduino Uno R3 Board to create a machine would automatically open fridges.
 - Managed and lead a group of two students outside of a class setting.
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WORK EXPERIENCE

Math and Computer Science Tutor / Receptionist, MESA center of Chabot College, CA, January 2019 - May 2019

- Guided students struggling in data structures and math to a solution.
- Maintained attendance and documents turned in to Chabot College's MESA program database using Microsoft Office tools.
- Generated reliable weekly and monthly periods about student's attendance and paperwork turned in.

Math Tutor / Receptionist, El Centro of Chabot College, CA,

January 2018 - August 2018

- Maintained a room visited on average by thirty people every day.
- Translated pivotal information.
- Encouraged others to strive for greater academic success, and helped students academically.

Math Tutor, Learning Connection of Chabot College, CA,

August 2016 - December 2016

- Communicate with students about difficulties in class.
- Adapted and learned different needs of every student.
- Explain topics in a range of difficulty in mathematics.