

RYAN J. CLODE

ryanclode.com ® rclode@sdsu.edu ® (408) 930-6454 ® github.com/Rclodeca

Professional Summary

I am a second-year computer science major seeking an internship opportunity that will help advance my knowledge in software development. I am interested in Mobile app development, Machine learning, AI, and Information.

Skills

- | | | |
|-----------------------|-----------------------------------|-------------------|
| • Java | • Git | • Flask(Beginner) |
| • Python | • Android application development | • Linux/Unix |
| • HTML-CSS-JavaScript | • Alexa Skills Kit | • AutoCad |

Education

Bachelor of Science: Computer Science, 2020

School: San Diego State University

Undergraduate Courses:

- Intermediate Programming, Introduction to Programming, Machine Organization and Assembly Language
- **Fall Semester:** Data Structures, Programming Languages, Computer Architecture

Projects

- **Self-checkout Android app presented to Xilinx:**
Created an app that demonstrates a concept for scanning your items as you shop and uses a database of items to grab their information. The app keeps track of all your items, their prices, and additional information on them while shopping. As a result, the application would simplify and reduce checkout time at a grocery store.
 - Lead a team of 3 programmers
 - Personally implemented the back end logic for the app, the map, and the barcode scanner integration
 - Written in Java, using Android Studio
 - Presented the project to a board at the Silicon Valley company Xilinx
- **Amazon Alexa Skill:**
Created an Amazon Alexa skill trivia game, with questions, answers and a points system. User interacts with their Amazon Alexa to play.
 - Used Python, JSON and Amazon Web Services(AWS)

Involvement

- **Aztec Game Lab:**
Video Game development club
 - Created my own version of the popular game 2048
 - Currently in a team of 4, working on a game using Unity
- **Target Sales Representative:**
 - 3 years of experience