

# RYAN J. CLODE

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## 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.

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## Skills

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

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## 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

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## 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)

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## 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