

# Ryan Clode

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## EDUCATION

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San Diego State University

May 2020

- B.S. in Computer Science

*Coursework:* Data Structures, Programming Languages, Machine Organization and Assembly, Linear Algebra, Statistical Methods, Discrete Mathematics

## EXPERIENCE

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Web Developer

Summer 2018

Just Pet Me Country Club | Oakland, CA

- Developed front-end portion of website overhaul for a local business
- Collaborated with client to create a clean interface and improve user experience
- Developed effective SEO strategy
- Implemented interactive map via Google Maps API

## PROJECTS

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Face Recognition Web App

Individual project

React.js | Node.js | Express.js | PostgreSQL | Heroku

- Identifies faces in uploaded photos using Clarifai API
- RESTful API for client-server communication using Node.js backend
- React.js frontend with dynamic HTML and CSS components
- Database for storing user accounts and information on image uploads

Self-Checkout Android App

Group project

Java | Android Studio

- Presented to a board at **Silicon Valley company, Xilinx**, and placed second
- Lead a team of 3 programmers
- Responsible for the front-end which scans barcodes and retrieves data from the back-end to display to the user

Discord Bot

Individual Project

Node.js | Discord.js | YouTube API | AWS

- Implemented 12 commands for listening to music via YouTube API, and sending/responding to messages
- Used by 2 Discord servers of 40+ users each

## TECHNICAL SKILLS

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*Languages:* Java, JavaScript (ES6), Python, SQL, HTML5, CSS3

*Frameworks:* React.js, Express.js, Bootstrap 4, Discord.js

*Tools:* Node.js, Android Studio, PostgreSQL, Postman, Heroku, AWS, Git, npm, UNIX