

# Ryan Clode

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## EDUCATION

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San Diego State University

*Expected May 2020*

- B.S. in Computer Science

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

## WORK EXPERIENCE

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**Freelance Web Developer**

*Summer 2018*

Just Pet Me Country Club | Oakland, CA

- Consulted with client to understand requirements, outline website goals and design pages
- Developed front-end portion of website overhaul and organized site content into a user-friendly architecture with a clean interface
- Developed effective Search Engine Optimization (SEO) strategy, including improving site load time by compressing and reformatting images, and embedding geotags for local search.
- Designed graphics for pricing tables, and formatted company logo for the Web
- Implemented a map view for contact page via Google Maps API

**Sales Associate**

*November 2015 - Present*

Target Corporation | San Jose, CA

- Trained 5 new employees

## 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

- Lead a team of 3 programmers at Xilinx sponsored Hackathon. Placed Second
- Responsible for the front-end which scans barcodes of items 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