**Ryan Clode**

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**EDUCATION**

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**

**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**

**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**

*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