Austin Lee

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# SKILLS

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

**Tools: Nodejs, React, Redux, REST, Git, MongoDB, MySQL**

# PROJECTS

**Better Playlists** — [Github](https://github.com/ajl0023/betterPlaylist)

**HTML, CSS, JS, React, Nodejs, Redux, MongoDB**

* Built a user interface that allows users to quickly navigate, search for, and modify tracks in their Spotify playlists.
* Developed a feature that Spotify lacked which brought the option of grouping selections, instead of having the user individually select a track in their playlist and then choose what to do with it after.
* Used Jest and the React Testing Library to write thorough and maintainable end-to-end tests for each major component in the application.

**Readdit** — [Github](https://github.com/ajl0023/redditSqlMaster)

**HTML, CSS, JS, React, Nodejs, Redux, MongoDB, MySQL**

* Single handedly engineered a full stack application using a combination of React, Node Js, Redux, Express as well as implemented a JWT based authentication system.
* I was able to leverage Jest’s testing framework resulting in reliability and efficiency throughout the development process.

**COVID-19 Tracker**— [Github](https://github.com/ajl0023/Covid-tracker)

**HTML, CSS, JS, React, Nodejs, D3.js**

* Used d3.js to implement data visualization to show fluctuations of COVID-19 infection and vaccination rates in individual countries.
* With a React front end, I structured an informational user interface that allows users to easily navigate through a topological map to see how COVID-19 affected each country.

**Chat Application**— [Github](https://github.com/ajl0023/chatApp)

**HTML, CSS, JS, Nodejs, React, Socket.io**

* I created an anonymous chat platform that allows users to easily connect with one another without the need of entering any form of personal information.
* The back end was engineered with an Express server and a Socket.io instance to provide a seamless low latency user experience.

**TFT Snapshots**—[Github](https://github.com/ajl0023/tftapp2)

**HTML, CSS, JS, Nodejs, React, Socket.io**

* I developed a full stack application that transforms each game board state to easily consumable JSON for clients to provide a chess-like game analysis, a feature that Riot Api currently lacks.
* Users of this app were able to see a 20% increase in their rating and an overall improvement in their gameplay.

# EDUCATION

# University of California San Diego, San Diego, CA—

Bachelor of Arts in International Studies

### September 2018 - June 2020