

# Austin Lee

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## SKILLS

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

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

## PROJECTS

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### Better Playlists – [Github](#)

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](#)

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](#)

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](#)

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](#)

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

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

Bachelor of Arts in International Studies

September 2018 - June 2020