

# Larry Smith

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San Francisco, CA

[Portfolio](#)

[LinkedIn](#)

[GitHub](#)

## Skills

React, GraphQL, RESTful APIs, Redux, JavaScript, HTML5, CSS3, Node, Ruby on Rails, Express, Apollo Client, Styled-Components, PostgreSQL, MongoDB, Mongoose, Material-UI, Git, SCSS, D3.js, jQuery, Heroku, AWS SDK & S3, Responsive Web Design, Algorithms and Data Structures

## Projects

Postmates clone: get food and drinks to your door

[live site](#) | [github](#)

React, GraphQL, Apollo Client, Node, Express, Styled-Components, Mongoose, MongoDB, AWS SDK & S3

- Incorporated Apollo Client with Express-GraphQL to query and mutate data declaratively, eliminating over-fetching and under-fetching
- Enforced user authentication by storing a logged-in user's ID in a JSON Web Token and sending it in the header of every request, verifying the user's identity
- Implemented media queries to adjust styles according to screen size, creating a fully responsive web page

Untappd clone: a social media web app where users review and discuss beer

[live site](#) | [github](#)

React, Redux, Ruby on Rails, PostgreSQL, AWS S3, jBuilder

- Utilized React hooks to interface with Redux state and execute lifecycle methods, reducing boilerplate code
- Designed RESTful API endpoints to predictably create, read, update, and destroy backend data

Note-taking web app with emphasis on images

[live site](#) | [github](#)

React, Redux, Node, Express, Mongoose, MongoDB, Canvas API, React-Draggable, AWS S3

- Integrated the Canvas API with the React-Draggable library to create draggable HTML elements and graphics that respond to user input
- Normalized the Redux state, allowing local data to be accessed in constant time

Interactive data visualization of Spotify user listening habits

[live site](#) | [github](#)

JavaScript, D3.js, HTML5, CSS3, Spotify API, OAuth

- Incorporated Spotify user data with D3.js to create a personalized visualization of a user's favorite artists
- Redirected users to the Spotify Accounts service to grant access to API endpoints for their listening data
- Leveraged the URL hash to render DOM elements conditionally, creating a single-page app

## Experience

Manufacturing Engineer | August 2018 - November 2019

California Brazing

- Used SolidWorks CAD to design over 80 machining fixtures and create over 120 process drawings
- Utilized Epicor ERP to develop manufacturing processes for aluminum heat exchangers and coldplates

Manufacturing Intern | April 2017 - June 2018

NuVasive Specialized Orthopedics

- Assembled, tested, and repaired remote controllers used to activate magnetic limb-lengthening implants
- Operated a manual milling machine, lathe, and 3D printer to create medical device prototypes and fixtures

## Education

App Academy | Spring 2020 | San Francisco, CA

Immersive software engineering course with focus on full-stack web development

University of California, Irvine | Spring 2018 | Irvine, CA

Henry Samueli School of Engineering, B.S. Mechanical Engineering