

Max Phillips

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[GITHUB](#)

[LINKEDIN](#)

SKILLS

ReactJS, Redux, Ruby, Rails, JavaScript/ES6, D3.js, JQuery, Mongoose, SQL, npm, git, Express.js, CSS, HTML5, AWS, NodeJS, PostgreSQL, ActiveRecord, MongoDB, RSpec, Capybara, TTD, Git, AJAX, Axios, OOP, Unix

PROJECTS

meanEats (Rails, ReactJS)

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

Fullstack pixel-perfect tribute to Serious Eats website built with Rails and ReactJS / Redux.

- Implemented n-ary tree tag system for organizing articles by tags for intuitive site navigation and eliminating redundant searches by users for common keywords.
- Designed smooth single-page interface free of page refreshes with React / React-Router, which allows users to fetch comments and additional posts, open modals, and explore new content.
- Developed scroll event handlers with JQuery to update page styling, allowing for better code readability over vanilla JS DOM manipulation.
- Established user authentication with BCrypt, which salts every password hash to prevent rainbow table attacks.
- Implemented dynamic routing with React-Router to create nested views and dynamic route matching, which cuts down on repetitive code.

JosephusSim (D3, Javascript)

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

Algorithm visualizer built with D3.js

- Designed animated scatter plot with labeled axes, tic marks, and adjustable sliders for data visualization using D3.js because it only uses HTML, CSS, and SVG's allowing for cross-browser compatibility without special plug-ins.
- Developed visually intuitive sliders for greater user interaction using JQuery UI because of its comprehensive library of widgets and effects.
- Created play and reset buttons to trigger rerenders of scatter plot and set pacing of rerenders using vanilla Javascript (setInterval, setTimeout).

SquareGroove (Rails, ReactJS)

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

Interactive beatmaker built with MERN Stack

- Established git workflow with two other team members to efficiently delegate responsibilities and avoid merge conflicts.
- Created user-friendly sidebar for easy site navigation, login and signup modal, and handled user authentication with jwt.
- Designed bpm slider and timer component for controlling tempo to give users greater variability in song composition.

EXPERIENCE

Summer Collaborator

Tinkering School

April 2019 - August 2019

- Taught basic woodworking and construction practices to high school-aged kids through project based learning. Taught proper safety protocols around electric saws, nail guns, and different power tools.
- Showed leadership as camp captain in overseeing the completion of every project on site, managing the camp kitchen and provisioning food and building supplies for over 50 people.

Line Cook

The Hound

August 2017 - April 2019

- Worked grill, grill-plate, fry and salad stations in a high volume, fast paced kitchen.
- Took responsibility for inventory and setup during morning shifts under sous chef.

EDUCATION

Web Development - App Academy | Fall 2019

IB Baccalaureate - Auburn High School | 2013