

Galen Davis

Phone: 917.843.4592

email: galenddavis@gmail.com

New York, NY

[Portfolio](#)

[Linkedin](#)

[GitHub](#)

Skills JavaScript, React, Redux, HTML, CSS/SCSS, Ruby, Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, AWS

Projects

Unstructables (ReactJS, Redux, Ruby on Rails, PostgreSQL, AWS S3, Heroku, Webpack)

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

Single page, full-stack clone of Instructables for users to share and discuss their DIY projects.

- Incorporated AWS S3 functionality alongside Rails' Active Storage to allow users to upload and attach images to their created projects and steps.
- Developed a user authentication system frontend and backend, complete with error handling to provide a clean and simple UI.
- Harnessed the unidirectional state management of Redux to directly manage data for form inputs and submissions.

High Altitude Agriculture (JavaScript, Canvas, Webpack, Aseprite)

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

A simple Javascript game about botany and sci-fi survival

- Utilized Aseprite in conjunction with Canvas and animation frames to design an interactive visual experience with minimal SCSS.
- Leveraged JavaScript to create dynamically growing plants, that when picked, restore a constantly dropping oxygen supply.
- Dynamically track seeds that the players seeds and plants as a balance to the user's abusing the gather mechanic.

What's Cooking (MongoDB, Express.js, React, Node.js, Spoonacular Recipe API)

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

Single page MERN stack recipe search engine based on ingredients the user already has.

- Integrated the Spoonacular API's search functionality to allow users to make custom searches based on a list of input ingredients.
- Harnessed MongoDB to allow users to store favorite recipes and the needed ingredients missing from their current search.
- Designed a dynamic and attractive splash page for users through the implementation of simple CSS animations.

Experience

Head Server/Team Captain | June 2018 - March 2020

Bluestone Lane

- Managed new-hire training to ensure consistent, high-quality customer service.
- Coordinated orders and events with kitchen lead for the four months we did not have a manager.
- Spearheaded a rooftop bar event in the summer, nearly doubling our after-hours profits.

Apprentice Teacher | August 2017 - June 2018

Coney Island Prep Middle School

- Designed lesson plans for small work groups for struggling students and brought up test scores ~20%.
- Created personalized consequences for students to reduce the number of incidents by nearly a quarter.
- Mediated student disputes on a daily basis and connected with parents weekly with behavioural notes.

Education

App Academy | Fall 2020 | Intensive 16-week full stack web development program with 1000+ hours of coding.

CompTia | Spring 2019 | Two part A+ certification for hardware and software troubleshooting.

School of Visual Arts | Spring 2014 | BFA Film Production