

Galen Davis

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New York, NY

[Portfolio](#)

[Linkedin](#)

[GitHub](#)

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

Projects

Unstructables (React.js, Redux, Ruby on Rails, PostgreSQL, AWS S3, Heroku, Webpack)

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

Single page, full-stack clone of Instructables, a site where users can share and discuss their DIY projects.

- Incorporated AWS S3 alongside Rails' Active Storage to allow users to upload and attach images to their created projects and steps.
- Developed a full stack user authentication system, complete with error handling to provide simple login and sign up experience for new or returning users
- Harnessed the unified state management of Redux to directly manage data for form inputs and submissions of DIY projects.

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 to design an interactive visual experience including animations.
- Leveraged JavaScript to create dynamically growing plants that, when picked, restore a constantly dropping oxygen supply, yielding a challenging, yet straightforward, gameplay experience.
- By wireframing the site before developing, I was able to better visualize the site's layout and determine what specific art needed to be created.

What's Cooking (MongoDB, Express, React, Node, 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 using Axios to allow users to make custom searches based on a list of input ingredients.
- Exploited MongoDB's schema-less database structure to allow for more flexible management of any non-standardized information returned from the search API.
- Designed a dynamic and attractive splash page for users through the implementation of simple CSS animations.

Experience

Team Captain/Head Server | June 2018 - March 2020

Bluestone Lane

- Oriented new hires in company values and best practices, as well as technical POS systems.
- Coordinated with other team leads in order to manage interim managerial duties for several months while a new manager was being hired and trained.
- 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 groups of struggling students and brought up test scores ~20% over the three months before standardized testing.
- Created personalized consequences for students to reduce the number of weekly incidents by nearly a quarter on average.
- Mediated student disputes on a daily basis and communicated with parents weekly on behavioral 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