

Danny Feng

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[LinkedIn](#)

[Github](#)

Los Angeles

SKILLS

React.js, Ruby on Rails, JavaScript, jQuery, Ruby, Redux, SQL, Git, HTML5, CSS3, MongoDB, PostgreSQL, Express.js, Webpack, Heroku, AJAX

PROJECTS

Critical Tracker | (Javascript, Ruby, Ruby on Rails, PostgreSQL, React, Redux, and CSS/HTML)

[Live Site](#) | [Github](#)

Critical Tracker is an agile project development application inspired by Pivotal Tracker.

- Leveraged Rails polymorphic associations to receive entire collections of related database entries in one request, preventing the strain of N+1 queries.
- Managed frontend and backend communication using a global Redux store and selectively passing information to React Components, allowing for multiple components to be rendered off a single request.
- Implemented back and front end user authentication by combining Rails conventions, Active Record, and customized React-Router component hierarchy.
- Increased productivity by including React-Beautiful-DND, a library that allows for drag and drop reordering of elements, allowing for users to dictate the next steps in their project's development.

Plant Press | (Javascript, Express, React, Redux, Bootstrap, MongoDB, Mongoose, and CSS/HTML.)

[Live Site](#) | [Github](#)

Plant Press is a social media application for plant owners to keep track of their plants, reminders and to share update posts with other plant owners.

- Led a team of four engineers, delegating tasks and duties to team members and spearheading objectives to be completed on a daily basis.
- Stored uploaded images on Amazon Web Services (S3) so that users can share and track their plant's progress.
- Utilized Bootstrap and React to create a responsive and mobile friendly user experience.
- Capitalized on MongoDB's ability to embed sub documents allowing for expedient access to related information.

D&D For Beginners | (Javascript, HTML, CSS, Webpack)

[Live Site](#) | [Github](#)

This application was created to introduce new players to Dungeons and Dragons and was built using Javascript and Webpack.

- Utilized Webpack to compile Javascript modules and manage dependencies for an efficient development environment.
- Navigated through an external API to request and return official documentation about D&D lore and gameplay mechanics.
- Implemented DOM event listeners to create a responsive and dynamically generated web page based on the user's actions.

EXPERIENCE

Sales Assistant

BCNF Ent. Inc., July 2019 - January 2021

- Scheduled incoming and outgoing produce shipments of over 2 tons from retailers and warehouse customers.
- Developed an invoice system to keep track of sales as the company transitioned from a physical shop to a fulfillment center for bulk purchases.

Research Intern

Sanford Burnham Prebys Medical Discovery Institute, June 2018 - June 2019

- Researched and practiced different biochemical techniques in order to extrapolate data from samples.
- Collaborated with research scientists and other interns in order to maintain experiment timelines.
- Extracted fish tissue samples and fixed zebrafish embryos to examine phenotypic expression caused by gene editing.
- Attended book clubs with lab members to discuss promising new techniques and research related to our theses.

EDUCATION

App Academy - Immersive software development course with focus on full stack web development (Summer 2021)

Pasadena City College - coursework in Statistics, Business Law, Investments, Medical Terminology (Fall 2019 - Spring 2020)

University California San Diego - BS - Biochemistry/Cell Biology (Spring 2019)