

SKILLS: React, Redux, Python, Ruby, Rails, JavaScript, SQL, HTML, CSS

PROJECTS:

Tumble Ruby on Rails, ReactJS, AWS S3, Redux, HTML, CSS

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

Developed a full-featured Tumblr clone using Ruby on Rails and React Redux

- Enacted React Hooks and Redux for global state management and dynamic rendering of likes, comments, and posts without refresh
- Features full CRUD functionality on posts and comments as well as partial CRUD for likes and user profiles
- Utilized AWS S3 for the purpose of image storage, enabling enhanced scalability and security measures for sensitive image data

Bagon Adventures Vanilla JS, HTML Canvas, HTML, CSS

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

Browser -based game made through Vanilla JS and HTML Canvas.

- Implemented algorithms such as collision detection with an array of boundaries and movement based on keyboard inputs event listeners
- Formulated animation techniques by writing optimized code that efficiently traversed sprite sheets
- Designed and implemented a highly optimized core gameplay loop to initiate events in a DRY manner, incorporating DOM manipulation techniques to dynamically update elements based on said events

Singed MERN, HTML, CSS, Github

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

Group project with 3 other contributors for a web application that recommends users dishes and restaurants using the MERN stack

- Led the design and aesthetic direction of the website, while writing 80% of its CSS and managing frontend components to optimize the UI/UX
- Regularly used Git and Github to collaborate efficiently and minimize merge conflicts

EXPERIENCE:

Undergraduate Research Assistant

UC Berkeley Agricultural and Resource Economics (ARE) Department

Jan 2022 - May 2022

- Assisted graduate researcher with editing R-script used for survey data collection
- Regularly monitored and cleaned incoming data for irregularities and notified researchers appropriately

Undergraduate Research Assistant

UC Berkeley Environmental Science, Policy and Management (ESPM) Department

Oct 2016 - Dec 2016

- Studied the effects of environmental policy on Northern Californian farmers under the guidance of a graduate researcher
- Communicated with the researcher to define specific research goals and how to best complete these goals
- Organized findings of 50+ sources efficiently for my researcher

EDUCATION:

University of California, Berkeley - BS Environmental Econ and Policy, 2020-2022

App Academy - 16 week fullstack software development course from Oct 2022 -Jan 2023