

SKILLS:

Ruby, Rails, ReactJS, Redux, SQL, MongoDB, HTML, CSS3, JavaScript, Node.js/Express.js

PROJECTS:

BEAT EM UP Ruby on Rails, ReactJS, Redux

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

Website based on meetup for fighting-game enthusiasts to create and share gaming events

- Implemented a slideshow component using CSS3 animations and React in order to improve the visual appeal of the main page along with improving UX.
- Integrated AWS photo storage into Rails models to allow for fast storage and scalability
- Created a RESTful API that connects to Postgres using Ruby on Rails and creates a flattened frontend Redux state, allowing the single page application to function.

TETRIS JavaScript, CSS3

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

My implementation of the classic game of falling blocks and clearing lines

- Built different shapes of blocks using prototypal inheritance in order to maintain DRY, easy to read code while changing the individual blocks' implementation.
- Incorporated HTML5 Canvas to create a dynamic interface of falling blocks and backgrounds which communicates game state to user.
- Implemented an algorithm to handle the rotation of individual blocks that allows for optimized code that is easily parsable.

POKENALYSIS ReactJS, Redux, MongoDB, NodeJS

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

A pokémon team builder application with social media features

- Developed statistical algorithms that analyze data about Pokemon and integrated React-vis in order to aggregate and display that information to the user.
- Created a RESTful API that connects to a Mongo database along with making axios requests to a third party API to allow users to perform CRUD operations on their teams.
- Coordinated with a team of 3 other engineers and delegated tasks within the project using a Git Workflow in order to distribute the workload of the project.

EXPERIENCE:

Warehouse Floor Worker

Core Mark

Oct 2018 - Mar 2019

- Handled upwards of 100 customer orders a night, transporting and consolidating large amounts of product in a timely manner
- Learned several different roles while on the job including some roles that few other people in the company could fill, such as dairy fridge and fresh packing.

Web Development Intern

Verkada

Jan 2020 - Apr 2020

- Assisted in converting older portions of the React codebase from JavaScript to TypeScript.
- Added many features to the codebase that previously were lacking, adding the ability for users to take screenshots of zoomed in cameras and adding toggles for certain developer flags.
- Lead a project to create an inward facing tool to assist in logistical management of the company.

EDUCATION:

App Academy - 2019 - Full stack development in Ruby on Rails, React, JavaScript, and NodeJS

San Francisco State University - 2017-2018, completed Data Structures course in Java

Ohlone Community College - 2015-2017, completed courses in C++ and machine language