SAMUEL INGLESE

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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.

Campus Monitor

Ohlone for Kids   Jul 2014 - Dec 2017

- Assisted and coordinated day care activities and responsibilities.
- Organized games for the children and teens during their lunch times and breaks.
- Helped assist teachers with classroom management.

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*