Dalton Kirkpatrick

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Skills

React.js, Redux, JavaScript, HTML5, CSS3, Ruby, Ruby on Rails, jQuery, SQL, PostgreSQL, PhotoShop, AWS, Heroku, Webpack, MatLab, AutoCAD, Excel, Google FireBase, Express.js

Projects

MoneyWise   live site | github

React/Redux, Rails 5, PostgreSQL, HTML5 , JavaScript , CSS3 , Webpack , PhotoShop, AWS, Heroku

Fullstack project creating website for crowdfunding campaigns.

- Created custom backend routes to optimize database queries and fetch only relevant data.
- Maintained ACID principles by ensuring that all transactions are successfully completed before persisting to the database.
- Leveraged JBuilder and Redux unidirectional data flow to create predictable, normalized state and reliable DOM rendering.
- Utilized higher order React components to render various modals throughout site to DRY up code.

Super Jelly Hero   live site | github

HTML5 Canvas, JavaScript, Firebase, Webpack, PhotoShop

A browser-based 2D platformer with wall-climbing physics built with Javascript

- Applied HTML5 Canvas and JavaScript in order to render levels and player model for end user interaction
- Implemented collision detection allowing players to climb surfaces and jump between platform sides to collect coins
- Utilized Firebase to sync scores to a cloud database in order for end users to compare their clear times with others

BallUP   live site | github

MongoDB, Mongoose.js, React.js, Redux, Node.js, Express.js, PhotoShop, Google Maps API

Fullstack project for connecting basketball enthusiasts and organizing local pick up games.

- Built the backend routes with Express Router and used Mongoose.js to communicate with MongoDB and link information to the front end
- Created frontend & backend validations to give users different privileges depending if they were logged in.
- Managed group effort with proper git-workflow, constant communication, and deadlines for all group members.

Education

App Academy | Winter 2019 | San Francisco, CA
- Immersive software development course with focus on full stack web development

Chabot University | Spring 2019 | Hayward, CA
- **School of Engineering** AA of Mechanical Engineering, AA of Math, AA of Science.

Experience

Supervisor - Customer Service | December 2013 - July 2015

WholeFoods Market

- Moderated teams, between 20 - 50+ members to drive learner engagement, peer-to-peer communication, and foster a sense of community
- Provided on-demand problem solving and guidance to team members via presentations and goal orientated communication to ensure an efficient and knowledgeable workflow.