DARRICK SHIN

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SKILLS

React, Redux, Ruby, Rails, Javascript, HTML, CSS, SQL

PROJECTS

KELP   (Rails, ReactJS, Google Maps API, JQuery, Javascript, JBuilder, CSS3, HTML)   live | github
A seafood based yelp clone
- Incorporated React-Redux container and Redux selector patterns to architect highly scalable and uni-directional front-end state management
- Implemented custom back and front end user authentication by combining Rails conventions, Active Record, and customized React-Router higher order components
- Leveraged Webpack and Babel to insure a reliable uniform user experience across web browsers
- Connected Rails backend to AWS S3 for media storage and organization while maintaining content security with AWS IAM
- Implemented custom search using redux
- Employed custom client-side form validations to avoid unnecessary AJAX requests which improves performance

PANTRY CHEF   (MongoDB, Mongoose, Express, ReactJS, Nodejs, Javascript, CSS3, HTML)   live | github
A recipe search engine for ingredients in your pantry. Created with the MERN stack
- Designed a search feature that pulls results from multiple documents using the Javascript includes method, allowing users to filter results by category and by ingredients selected without additional queries to the database
- Employed CSS3 flexbox with z-index and React-Modal for a compelling and flexible layout
- Utilized mapStateToProps to pass appropriate slices of the redux store to components in order to avoid additional AXIOS queries and render features for the user
- Managed team Git workflow to prevent and successfully resolve merge conflicts

MY PUG TOO FAT   (Javascript, Canvas)   live | github
A 'fun' platformer to exercise my dog. Watch out for some surprises along the way! Created with vanilla Javascript and Canvas.
- Designed a fully functional platformer with Canvas
- Constructed functionality to procedurally generate platforms, ensuring each reload provides a different gaming experience
- Built custom functions to increase difficulty including reverse controls and wind
- Amplified 'fun' factor to reward user for falling by playing motivational music

EXPERIENCE

Web Manager / Customer Service Department Head

Barbell Brigade LLC.   Oct 2016 - Dec 2016
- Spearheaded the creation and implementation of a text message marketing campaign for e-commerce product launches with SMSBump that generated $100,000 in new sales annually.
- Overhauled return policy, which resulted in a return rate of 0.3%, saving the company more than $1,000,000 annually.
- Instituted a frequently asked questions board with Zendesk FAQ, reducing email load by 5,000 annually
- Implemented Shopify scripts to allow for greater flexibility in sales formats and website functionality
- Designed new themes for new product releases, leveraging Javascript, CSS, HTML, and Liquid for custom changes.
- Managed inventory with third parties and quickly came up with resolutions when timelines did not pan out
- Handled entire email load with 85% satisfaction rating
- Developed standard practice and macros for common inquiry topics with Zendesk, increasing productivity by 50%

EDUCATION

Web Development - *App Academy | Summer 2021*
BA Education - *University of California, Riverside | 2009 - 2013*