David Hong

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SKILLS React, Redux, Ruby, Ruby on Rails, Javascript, Mongoose, MongoDb, Express, Node.js, HTML, CSS, SQL, PostgreSQL, Git, Heroku, Webpack, Google Maps API

PROJECTS

exSTRAVAgant   (Rails, React, Redux, HTML5, CSS3, Google Maps API)   live | github

An app for runners similar to the workout app Strava. Allows users to create and save workout stats and running routes.
- Created RESTful routes in Rails Controllers and queries for PostgreSQL database with JQuery Ajax calls to fetch user data and display a user's workouts, routes, and activities.
- Constructed a user signup and login page where parameters are validated at the Rails model level, and users remain logged in across sessions with the aid of cookies
- Generated route coordinates, distance and elevation data into a PostgreSQL database via Google Maps' Routes and Elevation APIs, allowing users to draw, and save custom routes representing their workouts

Shopper   (React, Redux, HTML5, CSS3, Firebase, Stripe API, Style-Components)   live | github

A React-centric e-commerce project where users can shop for fashion clothing
- Incorporated Stripe API in the Checkout Component to handle all online payments.
- Constructed a user signup and login page where parameters are validated by leveraging Google Firebase Authentication.
- Incorporated the Styled-Components library to avoid overlap of class names.

Bobudget   (MongoDB, Express, React, Node, Google Maps API)   live | github

An app that allows users to keep track of their monthly spending on Bobas.
- Incorporated Google Maps API to construct responses and make components dynamic by accepting different props from the Search page, enabling the Maps to display only the props that were generated by the given query
- Enabled user login with JavaScript web tokens and Passport.js authentication tools to ensure secure login credentials are established
- Collaborated with members of the team to provide additional frontend and backend support. (Created routes and requests in the backend to ensure proper queries were being made to the database as well as creating and integrating the maps component)

beatGen (JavaScript, HTML5, CSS3, Tone.js)   live | github

An app that allows a user to interact with different components of a drum and create their own personal beats.
- Leveraged the Tone.js API to enable users to test out different beats with a click of a button by embedding the different drum components and using Tone.js' play functionality to render the different sounds
- Leveraged DOM manipulation to locate specific checkboxes from the drum components in order to highlight the current column that the beat is playing

EXPERIENCE

Senior IS Audit Associate   July 2018-Sep 2019
BDO USA, New York, NY   July 2015- April 2017
- Tested key domains of information technology general controls, including logical access controls over infrastructure, applications, data, change management, data center physical security, computer operations, and system development.
- Oversaw five staff members to provide guidance and to ensure that the audit met upper management's expectations.
- Managed audit deadlines of 10+ Clients in a four month period on an annual basis to ensure audits were performed on a timely basis.

EDUCATION

Web Development - *App Academy | 2020*
Completed 1000+ hours of immersive full-stack web development program with a less than 3% acceptance
MA Accounting - *Rutgers University | 2015*
BS Accounting - *Rutgers University | 2014*