David Hong

(551) 404-5759   dhongg89@gmail.com   **PORTFOLIO**   **GITHUB**   **LINKEDIN**

SKILLS   React, Redux, Ruby, Rails, Javascript, MongoDb, Express, Node.js, HTML, CSS, SQL

PROJECTS

exSTRAVAgant   (Rails, ReactJS, 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
- Filtered backend responses using JBuilder to increase efficiency within frontend reducers by returning relevant information in the json response in the correct shape.
- Created 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

Bobudget   (MERN)

live | github

An app that allows users to keep tracking of their monthly spending on Bobas.

- Incorporated Google Maps API to construct responses and make components dynamic
- Enabled user login with JavaScript web tokens and Passport.js authentication tools
- Collaborated with members of the team to provide additional frontend and backend support when needed

beatGen   (JS)

live | github

An app that allows a user to

- Leveraged the Tone.js API to enable users to be able to test out different beats with a click of a button
- Employed keyframes and z-index for a interactive layout

EXPERIENCE

Senior IS Audit Associate   July 2015- April 2017
BDO USA, New York, NY   July 2018-Sep 2019

- Test 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.
- Develop and test internal control policies and procedures in the business process and IT environment.
- Oversaw multiple staff members to provide guidance and to ensure that the audit would meet upper management's expectations.
- Managed audit deadlines of more than 10 Clients in a four month period on an yearly basis to ensure audits were performed on a timely basis.

EDUCATION

Web Development - *App Academy | 2020*
MA Education - *Rutgers University | 2015*