Garvin Ming

(407) 683-7418   Github   LinkedIn   gming27@gmail.com

SKILLS React, Ruby on Rails, JavaScript, Ruby, Redux, Express, Apollo GraphQL, SQL, D3.js, SASS / SCSS, Git

PROJECTS

Elephant Surprise (React, Apollo GraphQL, Express, MongoDB, Microlink SDK)   Live Site | Github
Web service for organizing gift exchanges for any occasion
- Implemented an Exchange feature via **React** and **Apollo GraphQL** that allows clients to access and update data for exchanges they are a part of, as well as view pending invitations to new exchanges
- Debugged **GraphQL** mutations and queries to ensure proper dynamic rendering and asynchronous posting to **MongoDB**
- Incorporated the **Microlink SDK** API within the **Express** framework to provide external image fetching to facilitate intuitive acquisition of products for clientele

Philanthrotrees (MongoDB, Express, React, Redux, Node.js, SASS / SCSS)   Live Site | Github
Mobile first web service, enabling task-tracking for community-centered volunteer work
- Refined the **SASS / SCSS** styling, enabling clean, readable elements and **React** components
- Constructed multiple **React** forms that allow the generation of new community projects and tasks on the **MongoDB** cluster
- Composed **Node.js** Axios in conjunction with **Redux** middleware to send and receive pertinent data using RESTful API conventions

Coffee With Aliens (Ruby on Rails, React, Redux, SASS / SCSS, PostgreSQL)   Live Site | Github
Website fostering social networking with new and interesting people
- Designed a suite of Host features, executed using **Rails / PostgreSQL** associations to allow users to become hosts, own meetings, and link related social media accounts
- Created a UI with **React** that reconfigures its **SASS / SCSS** layout, dependent on available display area on a given device.

Viable (JavaScript, D3.js, CSS3, HTML5, Node-Fetch, Webpack, US Census API)   Live Site | Github
Market data visualization tool utilizing US Census data API
- Deciphered and accessed the **US Census API**, and employed **Data-Driven Documents / D3.js** to dynamically chart market-relevant information about specified regions
- Blended **HTML / CSS** elements and selectors to provide an intelligible **UI / UX** experience
- Fabricated a light-weight software architecture via the use of **Webpack** and **Node-Fetch** with **Census API** access, while maintaining core web service functionality

EXPERIENCE

United States Air Force   **Fort Walton Beach, Florida**
Aerospace Propulsion Technician
February 2013 – February 2018
- Managed a 271 item Hazmat Program worth $36,000 lauded "best seen" in the 374th Maintenance Group, awarded 374th Maintenance Squadron, Airman -Maintenance Support Professional of the Quarter: October - December 2014
- Assembled engines, conducted isochronal aircraft inspections, obtained 133% supply readiness level and aced quality assurance evaluation
- Overhauled 44 propellers, reclaimed $7.3 million in depot level repair costs

EDUCATION

App Academy   **Online**
Curriculum of Study in Web Development (Ruby on Rails and JavaScript)   July 2019; June–December 2019

Kingsborough Community College   **Brooklyn, New York**
Associates of Science in Physics   Class of 2012