

ANDY POON

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SKILLS

Proficient : JavaScript (ES6), React, Redux, Node.js, Express, Sequelize, HTML, CSS

Knowledgeable: Git, Material-UI, VS Code, Google Maps API, Firebase

Basic knowledge: Heroku, Passport.js (OAuth), Socket.IO, Jupyter Notebooks, Python, PostgreSQL

PROJECTS

Herd- Group - location & information sharing for tour groups. <https://herd-tour.com> **2018**

- A progressive web app that lets tour members find each other and their points of interest.
 - Worked mainly on the mapping aspect and utilized Firebase, React, Redux and Google Maps to render real time locations.
 - Assisted with building Express API routes and deployed the web app via Firebase and Heroku
- React, Redux, Express, Firebase, Heroku, Google Maps API, Material-UI, Geolocation API

Reach - Solo - real time trip timer <https://stackathon-trip-planner.firebaseio.com/> **2018**

- A web app that lets you enter points of interests and show you in real time which points you can still reach when you have a limited amount of time.
- Rendered and styled the travel time markers dynamically based on time remaining and the travel time from Google Maps Distance Matrix API

React, Redux, Firebase, Google Maps API, Material-UI, Web Geolocation API

Brain-juice - Group - e-commerce website <https://brain-juice.herokuapp.com> **2018**

- Used React, Material-UI and Redux to build the product and checkout and login pages
- Utilized localStorage to create a persistent cart for guests available upon revisiting the site
- Built some Express API routes that used Sequelize to update the PostgreSQL database

React, Redux, Express, Sequelize, PostgreSQL, Heroku

EDUCATION

Software Engineering Immersive - Fullstack Academy of Code **Jun - Oct 2018**

Bachelor in Civil Engineering with Honors - University of Toronto **2013-17**

Electrical Engineering - Imperial College London **2011-12**

WORK

Structural Engineering Intern -WSP **Summer 2016**

Quality control on drawings and organization of structural modelling results

Camp Counsellor - Grace Camp **Summer 2014 -15**

- Led activities and encouraged campers in personal growth, participation and teamwork
- Collaborated with a team in a fast paced environment, managing up to 100 campers