BRIAN TAM

FULL STACK SOFTWARE ENGINEER

CONTACT

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TECHNICAL SKILLS

Most Experienced:
JavaScript, React, Express, Sequelize, Node.js, Redux, AJAX, JSX, HTML5, MS Excel

Some Experience:
TypeScript, Git, GitHub, React Native, PostgreSQL, Jest, Mocha, Chai, CSS3/Flexbox, Bootstrap/Reactstrap, Material Design/Material-UI, React Native Elements, Heroku, MS Access

Some Familiarity:
SQL, C++, Python, Enzyme, SuperTest, R, Adobe Photoshop

PROJECTS

November 2018 - December 2018

Recycle It!
Get it on Google Play/Coming soon to the App Store
- Utilized React Native/Redux along with the powerful Google Cloud Vision API to create a Mobile App to recognize which items are recyclable using the mobile device's camera
- Integrated TypeScript & tests (using Jest) to significantly reduce errors
- Incorporated APIs such as Google Firebase, Google Maps, & Earth 911 and a UI Toolkit called React Native Elements
- Applied the popular Agile Scrum Methodology to deliver this MVP within a very small timebox

November 2018

Air Quality Index App
https://stackathon-btam.herokuapp.com
- Integrated the Google Maps API with AutoComplete & Geolocation with the World Air Quality Index API to display Air Quality Indexes around the world
- Incorporated matching Material Design (also by Google) along with Flexbox to create a Single Page Application (SPA) with a user-friendly UI/UX
- Implemented Responsive Web Design (RWD) using Media Queries

RELEVANT EXPERIENCE

NYC Department of Sanitation 2017 - Present

Staff Analyst Trainee
- Led the transition of MS Excel data to MS Access where I created queries using SQL to easily find information
- Worked on job openings, promotions, title changes, financial disclosures, & death cases

Aureus Health Services 2014 - 2016

Financial Analyst
- Reconciled large amounts (over 10,000) of financial healthcare data using Excel & Access – streamlined process using PivotTables, VLookup, charts, conditional formatting, etc.
- Created & presented graphs of amount owed by top PBMs to forecast expected revenue

EDUCATION

December 2018

Fullstack Academy
Full Stack Web Development Certification

August 2017

Hofstra University
Master of Science in Inclusive Elementary Special Education

May 2014

University of Michigan
Bachelor of Science in Economics & Actuarial Science