BRIAN TAM

FULL STACK SOFTWARE ENGINEER

CONTACT

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TECHNICAL SKILLS

Experienced:
JavaScript (ES6), React / Redux, Express, Sequelize, Node.js / NPM, RESTful API, Babel, Webpack, Git / GitHub, JSON, AJAX, LESS, CSS3, HTML5, Heroku, MS Excel

Some Experience:
Agile / Scrum, TypeScript, React Native, PostgreSQL, Mocha / Chai / Jest / Enzyme / SuperTest, Travis CI, OAuth 2.0, JWT, Bootstrap, Material Design, Lodash, Immutable.js, MS Access

Familiar:
SQL, C++, Python, R, Shell Scripting, jQuery, AWS S3, GraphQL, D3, RegEx, Adobe Photoshop

PROJECTS

July 2019 - Present

Twilio Air Quality Alert App
https://btam-twilio-aqi-alert.herokuapp.com
- Incorporated the Twilio API with React / Redux to send users Air Quality Index (AQI) alerts whenever the AQIs exceed certain user-set thresholds
- Integrated the Google Maps API with AutoComplete & Geolocation along with the World AQI Map Overlay API in order to display AQIs around the world
- Implemented Responsive Web Design (RWD) using Media Queries / LESS

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 in order to create a Mobile App that recognizes 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

EXPERIENCE

**NYC Sanitation
Nov 2017 - Present**

Staff Analyst Trainee
- Provided technical troubleshooting guidance to candidates for their internet accounts
- Introduced advanced Excel tools (PivotTables, Formulas, etc.) for more efficient analyses
- Worked on job openings, vacancy notices, promotions, title changes, & the Notice of Exams

**Aureus Health
Sep 2014 - Jul 2016**

Financial Analyst
- Reconciled large amounts (over 10,000) of financial healthcare data using Excel & Access
- Created & presented graphs of amount owed by top PBMs to forecast expected revenue
- Generated aging reports to investigate the cause for old outstanding balances

EDUCATION

December 2018

Fullstack Academy
Full Stack Web Development Certification

May 2014

University of Michigan
Bachelor of Science in Economics & Actuarial Science