



BRIAN TAM

FULL STACK SOFTWARE ENGINEER

CONTACT

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Most Experienced:

Some Experience:

Some Familiarity:

November 2018

- December 2018

November 2018

NYC Department of
Sanitation
2017 - Present

Aureus Health
Services
2014 - 2016

December 2018

August 2017

May 2014

TECHNICAL SKILLS

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

TypeScript, Git, GitHub, React Native, PostgreSQL, Jest, Mocha, Chai, CSS3/Flexbox, Bootstrap/Reactstrap, Material Design/MaterialUI, React Native Elements, Heroku, MS Access

SQL, C++, Python, Enzyme, SuperTest, R, Adobe Photoshop

PROJECTS

Recycle It!

Available on the Play Store/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
- Also incorporated APIs such as Google Firebase, Google Maps, & Earth 911 and a UI Toolkit called React Native Elements

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
- Designed to also be Mobile Responsive (using Media Queries) with compatible devices

RELEVANT EXPERIENCE

Staff Analyst Trainee

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

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 Pharmacy Benefit Managers (PBMs) to forecast expected revenue

EDUCATION

Fullstack Academy

Full Stack Web Development Certification

Hofstra University

Master of Science in Inclusive Elementary Special Education

University of Michigan

Bachelor of Science in Economics & Actuarial Science