

# BRIAN TAM

## CONTACT

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## FULL STACK SOFTWARE ENGINEER

### TECHNICAL SKILLS

Most Experienced:

JavaScript (ES6), React / Redux, Express, Sequelize, Node.js / NPM, RESTful API, Babel, Webpack, JSON, AJAX, JSX, HTML5, MS Excel

Some Experience:

Agile / Scrum, TypeScript, Git / GitHub, React Native, PostgreSQL, Mocha / Chai / Jest / Enzyme, CSS3, Bootstrap / Reactstrap, Material Design / Material-UI, React Native Elements, Heroku, MS Access

Some Familiarity:

SQL, C++, Python, R, SuperTest, 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 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

November 2018

#### Air Quality Index App

<https://stackathon-btam.herokuapp.com>

- Integrated the Google Maps API with AutoComplete & Geolocation along with the World Air Quality Index API's Map Overlay in order 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

### EXPERIENCE

NYC Sanitation  
Nov 2017 - Present

#### Staff Analyst Trainee

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

Aureus Health  
Sep 2014 - Jul 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

May 2014

#### University of Michigan

Bachelor of Science in Economics & Actuarial Science