



# 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!

*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

### 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 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

### 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

### 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