

# BRIAN TAM

## CONTACT

(516) 610-9915  
briantam23@gmail.com  
briantam23.github.io  
linkedin.com/in/briantam23  
github.com/briantam23

## FULL STACK SOFTWARE ENGINEER

### 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 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

### 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