

# 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, AWS S3, C#, VB, Vue, C++, Python, R, Shell Scripting, jQuery, GraphQL, D3, RegEx

## PROJECTS

Aug 2019 - Oct 2019

### Sebra

<https://sebra-client.herokuapp.com/> / *Get it on the Chrome Web Store*

- Developed a Cryptocurrency Payment app with the aim of creating a simple UX that allows users to make simple transactions without the complexities of dealing with public / private keys
- Followed up with a Cryptocurrency Micropayment Chrome Extension for readers to bypass paywalls without a paid subscription or access free articles without ads via micropayments
- Collaborated with a remote team of 3 - which included a Senior Developer & Product Manager

Jul 2019 - Sep 2019

### Twilio Air Quality Alert App

<https://btam-twilio-aqi-alert.herokuapp.com>

- Incorporated the Twilio API with React / Redux to send users custom Air Quality Index (AQI) alerts
- Integrated the Google Maps API with the World AQI API in order to display AQIs around the world
- Implemented Responsive Web Design (RWD) using Media Queries / LESS

Nov 2018 - Dec 2018

### Recycle It!

*Get it on Google Play / Coming soon to the App Store*

- Utilized React Native & Google Cloud Vision to create a Recycling Image Recognition mobile app
- Integrated TypeScript & tests (using Jest) to significantly reduce errors
- Applied the popular Agile Scrum Methodology to deliver this MVP within a very small timebox

## EXPERIENCE

NYC Sanitation  
Nov 2017 - Present

### Staff Analyst

- 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

Dec 2018

### Fullstack Academy

Full Stack Web Development Certification

May 2014

### University of Michigan

Bachelor of Science in Economics & Actuarial Science