

# Alan Tang

## SKILLS

**Proficient:** JavaScript, Python, HTML5, CSS, Git, Node.js, PostgreSQL, Sequelize, Express JS, React JS, Redux JS  
**Knowledgeable:** React Native, Firebase, Gatsby, TypeScript

## PROJECTS

### [New-News](#) (Express, PostgreSQL, React, Redux)

- News aggregator scraping various news publications using Puppeteer and Cheerio, then storing them in a Postgres database, and rendering articles with React and Redux
- Blueprinted database to ensure correct articles would display for the user based on user preferences
- Designed front end to give users a customizable and fluid news reading experience

### [Scenelt](#) (Express, PostgreSQL, React)

- Web Application for users to organize movies into different lists
- Implemented search function to query [theMovieDB](#) API to store movie data in a Postgres database to reduce API calls
- Users' movies and movie lists are rendered on the front end using react hooks to maintain state

### [Nudge](#) (React Native, Firebase)

- Mobile app built in React Native where users list goals with a designated time and location stored in NoSQL Firestore database
- Goals are then marked complete when user is at the promised location for the listed amount of time; location tracked by the Google Maps API

### [GraceMonsters](#) (Express, PostgreSQL, React, Redux)

- E-commerce site where users can purchase their favorite Pokèmon (original 150 only)
- Designed database architecture to keep track of inventory, user orders, logged in users, and guest users
- Created routing for users to "checkout" and successfully update our database

## WORK & LEADERSHIP EXPERIENCE

### [Budget Better](#)

Full-Stack Developer

New York, New York

July 2020-Present

- Assist end-to-end development of web application using Google Firebase, Express, React, and Redux to build back-end business logic, and responsive front-end architecture
- Deployed beta version of web app to group of 20 users continuously gathering feedback / issues
- Fix critical bugs as reported by beta testing group

### **Brown Brothers Harriman & Co.**

Foreign Exchange Trade Specialist

New York, New York

May 2017- May 2019

- Directed execution of 1000+ DVP/RVP securities trades daily, with multiple clients across 50+ foreign exchange currencies to ensure accurate FX transactions, avoiding erroneous duplications and FX risk exposures.
- Developed trading template and script to streamline live trading process, reducing trades executed incorrectly by 40%
- Collaborated with traders, Regional Managers and Client Service Groups to resolve all trade discrepancies

### **Boy Scouts of America (Troop 150)**

Assistant Scoutmaster

Chinatown, New York

September 2011- Present

- Organize logistics for various troop affairs
- Mentor Eagle Scout candidates to attain the rank of Eagle Scout

## EDUCATION

### **FullStack Academy of Code**

Full-time Immersive Coding Bootcamp

New York, New York

August 2019

### **Baruch College, Zicklin School of Business**

Bachelors of Business Administration in Finance

New York, New York

January 2016

### **City University of Hong Kong, College of Business - Study Abroad**

Semester cultural exchange program abroad

Kowloon, Hong Kong SAR

December 2013

## HONORS & ACHIEVEMENTS

- Attained the rank of Eagle Scout in the Boy Scouts of America
- Inducted into the Order of the Arrow as a Vigil Honor member