alantang.me
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Alan Tang

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New York, NY

SKILLS

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

PROJECTS

New-News (Group of 3 || 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

SceneIt (Solo Project || 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 (Solo Project || 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 (Group of 4 || 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   New York, New York
Part-Time Software Developer   *July 2019-Present*
- Developed algorithm to analyze a users' spending data over a 12-month period collected from the Plaid API
- Designed and built responsive pages for desktop client with reusable React components
- Built dashboard to visualize a user's past spending and their recommended future spending to reach their financial goals

Brown Brothers Harriman & Co.   New York, New York
Foreign Exchange Trade Specialist   *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)   Chinatown, New York
Assistant Scoutmaster   *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   New York, New York
Full-time Immersive Coding Bootcamp   *August 2019*

Baruch College, Zicklin School of Business   New York, New York
Bachelors of Business Administration in Finance   *January 2016*

City University of Hong Kong, College of Business **-** Study Abroad   Kowloon, Hong Kong SAR
Semester cultural exchange program abroad   *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