

## SKILLS

- **Programming Languages**  
Ruby on Rails, JavaScript, HTML, CSS/Sass, SQL
- **Software Technologies**  
React, Redux, GitHub, Express, Node.js, MongoDB, AWS S3, Google Map API
- **Languages**  
English(fluent), Cantonese(fluent), Mandarin(conversational), Vietnamese(conversational)

## PROJECTS

**Yupit** (React/Redux, Ruby on Rails, PostgreSQL, AWS, Google Map API) [live](#) | [GitHub](#)

*A full-stack clone of Yelp, allowing users to search businesses and create, read, update and delete reviews for businesses*

- Implemented user authentication on both frontend and backend, rendering any authentication errors to maintain a lightweight, modern user experience
- Integrated Google Maps API using geolocation to display locations of businesses on a map, allowing users to explore other surrounding locations
- Created a flexible search functionality that filters the businesses database from the back-end and returns results that match user's input based on business's name, category or amenities

**Asked & Answered** (MongoDB/Mongoose, Express.js, React/Redux, Node.js) [live](#) | [GitHub](#)

*A platform where students can search and ask questions and instructors can assign and answer questions all in a single page*

- Collaborated in a team of four developers. With the role of flex-developer, implemented back-end and front-end for User Authentication and Answer model with full CRUD functionalities.
- Constructed user authentication to fully secure user signup and login by using Passport.js paired with JSON Web Token (JWT) on the backend, rendering error messages when user inputs invalid credentials
- Implemented back-end routes for the Answer model to ensure smooth data flow between the database and front-end when user makes a CRUD action. Designed the front-end look for the answer section of the site

**TendiesScraper** (JavaScript, D3.js, Express.js, Reddit API, Finnhub API, MarketStack API) [live](#) | [GitHub](#)

*A website that analyzes posts from subreddit WallStreetBets and identify the most mentioned tickers at a given time*

- Designed and implemented smart algorithms to parse through thousands of lines of data to identify possible stock tickers, leveraged hash map to store tickers for faster look up time and better efficiency when identify duplicates
- Incorporated D3.js library to deliver accurate and intuitive data visualizations

## EXPERIENCE

**Treasury Associate** | Morgan Stanley Aug 2018 - Jan 2021

- Demonstrated Morgan Stanley Fund Services' products, providing a full walkthrough and details of each product to clients including Expense Processing Tool, Treasury Service, and Middle Office.
- Partnered closely with clients (hedge funds) to understand their new launching funds and business structures in order to coordinate bank account opening in timely manner for each fund
- Performed daily position reconciliations for clients' equity and swap portfolios through Omgeo and Traiana; Worked with clients and brokers to resolve wire and collateral breaks.

**Securities Lending Administrator** | Mitsubishi UFJ Financial Group Dec 2016 - April 2017

- Reviewed up to 200 daily trades for accuracy and completeness, monitored settlement of cash and trade activities within various sub-custodian systems.
- Ensured all exceptions were researched and raised in a timely manner through liaising with sub-custodians, counter parties and front office traders
- Reconciled cash and collateral accounts under MUFG on daily basis

## EDUCATION

**App Academy** - 1000+ hours of immersive full-stack software development course with 3% acceptance rate - 2021

**Pace University** - BBA Finance, Public Accounting - 2012 - 2017