Tai Huynh – Software Engineer

☎ (646) 479-6170   ✉ taivihuynh@gmail.com   New York, NY

SKILLS

- Ruby on Rails, React, Redux, JavaScript, HTML5, CSS3/Sass, MongoDB, PostgreSQL, jQuery, Node.js, Express.js, Git/GitHub, 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, in the role of flex-developer, implementing back-end for User Authentication and Answer model with full CRUD functionalities, designing the front-end look for user login/sign up and Answer section of the site
- 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
- Created back-end routes for the Answer model to ensure smooth data flow between the database and front-end when users make a CRUD action.

TendiesScraper (JavaScript, D3.js, Express.js, Reddit API, Finnhub API)   live | github

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

- Designed and implemented smart algorithms to parse through thousands of lines of data to identify possible stock tickers, leveraging a hashmap to store tickers for faster lookup time and better efficiency when identifying duplicates
- Incorporated D3.js library to deliver accurate and intuitive data visualizations, rendering top 10 stock tickers in a bar graph based on data from Reddit API and displaying past 5 days stock performance of each stock in line graphs based on data from MarketStack API

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 2017 - April 2018

- 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

KYC Solutions Analyst/Compliance Analyst | *JPMorgan Chase & Co.*   .   Aug 2017 - Dec 2017

- Developed a holistic view of negative media alerts and streamline the process of disposing negative media across all lines of business within JPMC.
- Resolved an aged list of over 1000 records of unknown KYC owners by working closely with Business Management and KYC teams to identify the correct client owner for each profile.

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*