



## SKILLS

- AWS, AngularJS/Angular, Javascript, Typescript, Coffeescript, HTML5, CSS3/Sass, AG-Grid, D3.js, MongoDB, Node.js, Express.js, Ruby on Rails
- Languages: English(fluent), Cantonese(fluent), Mandarin(conversational), Vietnamese(conversational)

## EXPERIENCE

### Front-end Developer | SEI Investments Company

Jan 2022 – Present

- Maintain SEI Novus platform's frontend codebase, enhancing user experience and improving stability through daily bug fixes.
- Collaborate closely with designers and product managers to implement visual designs and product visions into pixel-perfect front-end solutions.
- Showcase expertise in utilizing Ag-Grid, a powerful data grid library, and NVD3, a powerful data visualization library built on D3, to create interactive and visually compelling data visualizations and data-driven functionalities.
- Implement a hybrid solution, seamlessly integrating both AngularJS and Angular frameworks within the codebase, allowing for a gradual migration and modernization of the application.
- Follow test-driven development principles, ensuring robust and high-quality code through comprehensive test coverage for every new feature that was developed
- Demonstrate continuous improvement as a developer by emphasizing the importance of data structure and model analysis prior to implementing new features, resulting in more efficient and scalable solutions.

### 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.

## 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

## CERTIFICATE

AWS Certified Solutions Architect – Associate

## 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