

EDMOND HUI

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New York, NY

[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, WordPress, Google Maps API, WebSockets, d3.js

EXPERIENCE

Software Engineer

Couple

Jan 2021 - present

- Developed tools that analyze, collect, and format dating data from Couple events. These tools have been integrated into our weekly retrospective, helping facilitate conversations and new ideas.
- Created the platform's audio settings interface using Web Audio API for participant WebRTC live streams.
- Designed, implemented, and deployed new features using previous event data.

Associate Director

SquareFoot

Dec 2019 - Oct 2020

- Achieved the spot as the top broker during Q3 of 2020 during the coronavirus pandemic, closing 5 office leasing deals during uncertain times, and outpacing dozens of individuals that had many more years of industry experience.
- Abstracted 6 commercial office leases individually and over 20 leases as a team saving a client over \$126,000 due to neglected security deposit burndown.
- Helped train 1 junior broker who closed her first office deal within her first few months of joining the firm, outperforming her peers that started at the same time.

PROJECTS

E1 Finance (JavaScript, Ruby, Rails, ReactJS, Redux, Recharts, IEX Trading API, CSS, HTML)

[live](#) | [github](#)

Investing platform that helps users manage their portfolios and automatically invest their money.

- Leveraged Rails polymorphic associations to get the holdings and stocks for every portfolio and pie chart making the code more DRY and reducing the number of queries to the database.
- Constructed modals for CRUD actions with portfolios, pies, and stocks to enhance user experience.
- Utilized Recharts and React state to update graphs and pies in response to user inputs, leading to a more dynamic & friendly user experience.

Partyr (Javascript, ReactJS, Mongoose, MongoDB, Node.js, Express.js, WebSockets, Google Maps API)

[live](#) | [github](#)

Party planning and organizing app with live chat.

- Incorporated WebSockets using socket.io to set up listeners for messages allowing users to communicate in real-time for each party chat room.
- Integrated Google Maps with React to display the current user's location and allows users to place markers dynamically based on the longitude and latitude of clicks.
- Implemented media queries and swiping functionality to improve the experience for mobile users.

Compound (Javascript, d3.js, CSS3, Webpack, Alpha Vantage API)

[live](#) | [github](#)

Compound investment calculator that matches you with an index fund and creates a budget to maximize retirement savings.

- Designed a parallax slider using CSS3 flexbox, scroll listeners, and absolute positioning to dramatically improve landing page visuals.
- Queried Alpha Vantage API with vanilla javascript fetch API to get real-time index fund data to display with d3.js.

Slimy (Javascript, Canvas, Webpack)

[live](#) | [github](#)

Browser game that is very similar to the flash game, fishy. Eat enemies and grow big to win!

- Built a game with collision detection using De Morgan's law allowing users to eat enemies by touching them.
- Employed event listeners on the document waiting for user input to control the character on the canvas.

EDUCATION

Web Development - [App Academy](#)

Fall 2020

Immersive software development course with a focus on full-stack web development, which entailed 1000+ hours of coding.

BBA Finance - CUNY Baruch Zicklin School of Business

Sep 2015 – May 2018