

# EDMOND HUI

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[PORTFOLIO](#)

[GITHUB](#)

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## 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

### Junior Software Engineer

[Couple](#)

Jan 2020 - present

- Implement best practices in development, and deliver innovative technology using agile processes.
- Assist in building the couple web and video technology drawing on my experience with full-stack development and JavaScript development.
- Help define implementation strategies that deliver value quickly in small increments while enabling easy adaptation for future enhancements.
- Develop features with software engineering best practices and clean code that can be easily interpreted by other technical team members.

### 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