Sunny Patel

Software Engineer

p. 732-586-2435   patel.sunny293@gmail.com   LinkedIn   Github   AngelList   Portfolio

Skills

Ruby, JavaScript, SQL, HTML5, CSS3, Ruby on Rails, React.js, Redux, Recharts, D3.js, PostgreSQL, SQLite3, Webpack, Git

Projects

Littlehood *Ruby, Ruby on Rails, JavaScript, React.js, Redux, PostgreSQL, IexTrading API*   **Live | Github**

A single-page web application clone of Robinhood, a free security-trading platform

- Produced an interactive stock chart using the Recharts library to allow users to visualize the performance of a particular stock over various time periods
- Built transactions feature to allow users to purchase and sell securities by efficiently utilizing JavaScript promises, and IexTrading's API Cloud caching to fetch and store data asynchronously
- Used join tables and active record associations in order to reduce load time and efficiently query for data necessary for the functionality of the application

Portfolio Allocator *Javascript, D3.js, Alpha Vantage*   **Live | Github**

A JavaScript data visualization allowing users to create a mock stock portfolio and track their performance over various timeframes

- Utilized third-party API to acquire sector performance data and performed data manipulation in order to implement user performance algorithm
- Applied understanding of D3.js's D3-Force API to develop an interactive bubble chart based on user input

Experience

Software Engineer Technical Instructor

App Academy   October 2019 - Present

- Conduct rigorous technical interviews for applicants testing algorithmic aptitude in Javascript, Python, and Ruby
- Assess applicants on their ability to work with other programmers and perform under high-stress conditions

Junior Portfolio Management Administrator

Pzena Investment Management   December 2016 - October 2018

- Implemented investment strategies primarily focusing on US and International equity markets and optimized portfolios based on model suggestions, market movements, and investment guidelines
- Devised trading plans to manage exposures and liquidity for portfolio inflows and redemptions
- Coordinated with and assisted the Development team with the creation of an in-house application by leading strategy meetings, testing, and data gathering via Bloomberg Terminal

Founder and Vice President

Young Entrepreneurial Society (Non-Profit Organization)   April 2015 - December 2018

- Planned meetings and events to meet organizational goals, such as membership and sponsorship growth
- Drafted organization By-Laws to create a check balance system ensuring efficient operational activity
- Co-organized and coordinated with the mayor of Woodbridge township to host a Financial Aid Seminar to spread awareness and assisted students in preparing financial aid applications

Education

App Academy   (Spring 2019)

Immersive 1000+ hours software development course with focus on full stack web development

Rutgers University, Rutgers Business School   (May 2015)

BS - Finance and Economics