

Rong (JJ) Yang

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SKILLS

React, Redux, HTML, CSS, JavaScript, JQuery, Ruby on Rails, Ruby, PostgreSQL, Git, AJAX, Canvas, Recharts

PROJECTS

GreenHood | (*React/Redux, Rails, HTML, CSS, JavaScript, AJAX, PostgreSQL*)

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

- Created a search bar that filters data from initial HTTP request based on events triggered by user input, which update the component's search value property and compares the changed query string to a list of cryptocurrencies
- Used Recharts API to graph the relationship between price and time, allowing users to dynamically change the timelines for each cryptocurrency, allowing users to hover over a period of time on the chart to reveal a particular price and rate of change
- Incorporated Google News, CryptoCompare, and Recharts API, each requiring a unique timestamp format, to work cohesively with each other; converted timestamp to Epoch and back to the necessary format, resulting in a complete user experience comprising charts, news feeds, dynamic search, and relevant prices

Ninja Bomber (2 - Player Game) | (*JavaScript, HTML, CSS, HTML5 Canvas*)

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

- Generated a 2D game board, which utilizes an x and y coordinate plane to determine a player's valid move. This grid system allows management of dynamic (players and bombs) and static (walls) game objects
- Utilized HTML5 Canvas to animate bomb explosion; leveraged game board's coordinate system to calculate the blast range, which determines game status (players alive or dead) based on player position and sets gameOver property accordingly
- Optimized code for efficient calculation and response to user input to provide seamless user experience

EXPERIENCE

Founder

HostMNS.net (A Cryptocurrency hosting service)

Oct 2017 - Dec 2018

- Developed the front-end of an online cryptocurrency platform using PHP, HTML, CSS, and Bootstrap
- Utilized marketing tactics (events, affiliation, referral, partnerships) to obtain over 100 unique clients in the first month of operation
- Established partnerships with over 60% of masternodes to promote hosting and with vendors to provide competitive pricing models

Inside Sales Engineer

Nixon Power Services

May 2016 - May 2017

- Quoted generator fabrication and installation ranging from a standard \$5K project to high profile \$2.4M contracts based on customer specifications
- Developed company wide easy-to-read quoting spreadsheet that helped increase productivity
- Main inside sales engineer for 4 outside sales representative in the Atlanta region

Corporate Engineering Intern (Arc Flash Analysis)

Milliken & Company

Jun 2012 - Jan 2015

- Traced electrical distribution and performed arc flash study (evaluation of a workplace facility determining hazards and risks) for 6 Milliken facilities throughout South Carolina and Georgia
- Converted over 100+ "high risks" to "low risks" by changing the instantaneous settings of a breaker or by updating the existing overcurrent protection device
- Used AutoCad to create single line diagrams of each Milliken facility

EDUCATION

Tennessee Technological University - *BS Electrical Engineering*

App Academy - 2019 - 1000+ hour full stack web development program with <3% acceptance rate