Rong (JJ) Yang

P: 615-438-2442   rongyang610@gmail.com   www.jjyang.me   LinkedIn   Github

SKILLS

React, Redux, HTML5, CSS3, JavaScript, JQuery, Ruby on Rails, Ruby, PostgreSQL, Git, AJAX, Canvas, Recharts

PROJECTS

GreenHood *A full stack clone of Robinhood (investment platform) focusing on trading cryptocurrencies | (React/Redux, Rails, HTML5, CSS3, 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 *A 2-player game inspired by NES bomberman | (JavaScript, HTML5, CSS3, HTML5 Canvas)*   **live** | **github**
- Generated a 2D game board, which utilizes x and y coordinate plane to determine a player's valid move, allowing 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

EXPERIENCE

Founder
HostMNS.net (A Cryptocurrency hosting service)   Oct 2017 - Dec 2018
- Obtained over 100 unique clients in the first month of operation by utilizing marketing tactics (events, affiliation, referral, partnerships)
- Developed the front-end of an online cryptocurrency platform using PHP, HTML, CSS, and Bootstrap
- 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