Chris Vo

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SKILLS

Javascript, Java, SQL, React.js, Redux, Ruby on Rails, HTML5, CSS3, Git, C++, jQuery

PROJECTS

Harmony   Live Site | Github

A pixel perfect clone of Discord that allows users to communicate with others in real-time.
Ruby on Rails, React.js, Redux, PostgreSQL
- Incorporated independency among channels using React lifecycle methods, RESTful api calls, and Ajax requests so messages do not persist across channels.
- Integrated websockets that sends newly created messages from the frontend to the backend and broadcasts them to all subscribed clients in order to incorporate real-time messaging and updates.
- Designed interface with emphasis in reusable and modular components and containers using React and Redux to promote organization and efficiency.
- Developed user authentication by leveraging BCrypt, localStorage, and Active Record constraints in order to verify and secure current user through session token and show only the current user's affiliated servers and channels.

SWEETT   Live Site | Github

A time tracker and goal setting app for software engineering job seekers.
MongoDB, Express.js, React.js, Redux, Node.js
- Coordinated a team of four to implement my idea of the app by organizing daily standup meetings, maintaining git workflow and reviewing pull requests, and planning wireframes and blueprints.
- Leveraged the MERN stack to build website by defining the schema using MongoDB, routes and controllers using Node.js and Express.js, and presentation using React.js and Redux.
- Designed website with simplicity and aesthetics in mind by providing multiple, accessible features with an intuitive interface.

Interactive Twelvefold Way   Live Site | Github

An interactive visualization of twelve, combinatorial formulas using balls, bins, stars, and bars.
JavaScript, Canvas, HTML, CSS, Matter.js
- Implemented dynamic ball and bar movements using the mouse through the use of mouse event listeners and bounds checking in order to provide user interaction.
- Incorporated collision detection to check whether a ball is in a bin and verification methodologies to check the validity of each configuration based on the formula.

Amusement BLOX   Live Site

A game in Roblox about an amusement park with various attractions and minigames.   *(Spring 2008)*
Roblox Studio, Lua
- Built the game using game development methodologies, game physics, and the programming language Lua at the age of thirteen and as a result, accumulated 50,000+ game visits/hits, with over 600+ concurrent players at one point.
- Enhanced the game experience by maintaining and updating the game through player feedback and selling 1000+ in-game items.

EDUCATION

App Academy - Immersive software development course with focus on full stack web development (Winter 2020)
San Jose State University - *BS - Applied and Computational Mathematics* (Spring 2019)
Relevant Coursework: Data Structures and Algorithms, Object Oriented Design, Database Management Systems, Advanced Java Programming, Applied Probability and Statistics, Graph Theory

EXPERIENCE

Pizza Cook
Bona Pizza, Apr 2016 - Aug 2017
- Delivered 50+ orders daily with utmost quality by preparing and cooking pizza using a variety of kitchen utensils and equipment
- Trained 2+ employees to prepare pizza and pizza ingredients