Cameron Sands

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SKILLS React, Rails, JavaScript, Ruby, Redux, TDD, HTML5, CSS3, SQL, and Git

PROJECTS

Game Buddy (JavaScript, ReactJS, Express, MongoDB, HTML5, CSS3, Webpack)   Live Site | Github
An online social platform that facilitates the creation of gaming communities and facilitates communication through chat.
- Set up a fully functional websocket from scratch using React and Express, allowing the app to communicate in real time with live updates.
- Utilized CSS to create a responsive web app that is able to adapt to small screens / mobile.
- Designed the front end to respond in real time with other clients by managing websocket connections between users.

Turbine (Ruby on Rails, JavaScript, React, Redux, CSS3, Webpack, PostgreSQL)   Live Site | Github
Faithful re-representation of Steam utilizing AWS for image hosting, and having a functioning cart, and reviews.
- Utilized AWS S3 to seed and store data / images, taking the load off the server and thus improving user experience and keeping load times down.
- Utilized React and implemented conditional rendering of components to create a dynamic responsive website. React allows for parts of the website to be able to re-render without extra requests, saving on server capacity and improving performance.
- Full CRUD (create, read, update, delete) on reviews and cart by updating the state of the website and updating the relational database.

Idle Production (Node.js, JavaScript, HTML5, CSS3, Webpack)   Live Site | Github
Idle game with complex resource management and responsive gameplay.
- Implemented a responsive tree data structure sending resources to their children ensuring a dynamic and easily scalable application.
- Created a fun game with complex logic animating a circle when resources are transferred between buildings, the visual input improves user experience through enhanced visualization.
- Designed complex CSS creates an interactive and responsive interface.

EXPERIENCE

Kids Robotic Academy   **Houston, Texas**
Teacher   September 2022 – Present
- Exceptional communicator that works well in a team setting while educating k-12 complex concepts.
- Oversaw a small group of kids, managing their projects to ensure completion and learning.
- Taught a Lego programming language based on Scratch to children between the ages of 5 and 17.

Apple Tech Support   **Houston, Texas**
T1 Mac/iOS Advisor   February 2021 – September 2022
- Addressed approximately 30 challenging customer issues daily through active communication of expectations and explaining processes.
- Facilitated repair and replacement of about 5 customer devices per day and offered guidance on proper usage.

EDUCATION

App Academy   **San Francisco, California**
Curriculum of Study in Web Development (Ruby on Rails, JavaScript, React, and Express)   June 2022; October 2022

San Jose State University   **San Jose, California**
Bachelor of Arts in Political Science   Class of 2018
Participated in the Game Dev club and created a game in Unity with C#