Qixiang Chen

P. 646-736-9399   qixiang100@gmail.com   LinkedIn   Github   New York, NY

SKILLS

React.js, Ruby on Rails, JavaScript, jQuery, Ruby, Redux, Java, C, C++, SQL, MongoDB, RSpec, AWS, Git, HTML5, CSS3

PROJECTS

Video Night   Live Site | Github
A Youtube clone built using Ruby on Rails, React, and Redux
- Incorporated AWS S3 to store image and media uploads in the cloud, reducing server load time and improving the scalability of video services.
- Utilized Rails polymorphic associations for likes on videos and comments to improve readability and produce DRY code.
- Optimized database usage and eliminated N+1 queries by adhering to SQL and Active Record best practices.
- Employed CSS3 Flexbox and React-Modal to produce a dynamic layout and improve user experience.

Coin Explorer   Live Site | Github
An interactive platform game made using JavaScript and HTML Canvas
- Utilized HTML5 and Canvas animation frames to enhance image processing and improve rendering flexibility.
- Integrated Object-Oriented-Programming to improve user retention by designing complex levels and incorporated Class Inheritance for opponent AI, improving code readability and reusability.
- Implemented axis-aligned algorithm for collision detection between characters and objects.

Minion Wars   Live Site | Github
A digital token collecting site built using MongoDB, Express, React, and Node.js
- Designed user authentication by encrypting user details with JSON Webtoken to be used with Axios to be decrypted with JWT-Decode library so that user information is securely transmitted to the database.
- Handled merge conflicts and assisted backend team with model validations and frontend team with redux presentational and container components as the project manager.
- Adapted mongoose library to connect to MongoDB Atlas and performed integration tests via Postman on user and token models to simulate user interaction and ensure data persistence.

EXPERIENCE

Restaurant Cashier
Bo Hua Inc, May 2019 - Nov 2019
- Demonstrated proficiency in answering calls within a high-volume environment. Addressed concerned/upset customers rapidly through logical and analytical thinking.
- Ensured that each customer received outstanding service by providing a friendly and supportive environment.
- Consistently praised by management for attention to detail, exemplary customer service delivery, and willingness to assist coworkers with their tasks and duties.

Teaching Assistant
Brooklyn Elite Center, May 2015 - Aug 2015
- Assisted teaching staff in preparing the classroom and lesson plans and kept students engaged, motivated, and focused during in class lessons.
- Engaged ESL students on an individual basis and provided valuable feedback on their classwork and homework, resulting in an improvement of more than 10% of their grades.
- Maintained a clean and safe workplace environment and ensured the full safety and security of students in the classroom and during field trips.

EDUCATION

App Academy - Immersive software development course with 1000-hour curriculum and < 3% acceptance rate (Winter 2019)
Rensselaer Polytechnic Institute - *Bachelor of Science, Major in Computer Science, Minor in Economics* (Spring 2019)