Robert Chen

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Full stack web developer who enjoys solving complicated problems with simple solutions. Experience in JavaScript, React+Redux, Rails, with a background in Project Management. Proven skills in team-building to increase cross-level communication. Known to be consistent and reliable in high-stress situations.

http://bit.ly/seeportfolio

TECHNICAL PROJECTS

PlayTime - [Github Frontend](#) | [GitHub Backend](#) | [Demo](#) | [Video](#)

Social media platform that pushes for more engagement by introducing game features such as exp, levels, and energy limits.

- Solidifies React fundamentals while handling forms and passing information from component to component.
- Deepens understanding and usage of AJAX from chaining fetch requests merged with conditional logic.
- Strengthens usage of JSON Web Tokens and BCrypt for encryption.
- Applies authorization, authentication, and validation protocols.

Welcome Board - [Github Frontend](#) | [GitHub Backend](#) | [Demo](#) | [Video](#)

Allows senior students to welcome and post advice/tips for junior students upon entering each new mod.

- Collaborate with two other team members to build a React application that solidifies React principles.
- Implements JWT, BCrypt, and localStorage to encrypt and store user information client-side.
- Utilizes React Routes to enable users to navigate with links within the web app.
- Applies authorization, authentication, and validation protocols.

Code Code Revolution - [Github Frontend](#) | [Github Backend](#) | [Demo](#) | [Video](#)

Tests the speed and accuracy of a user's code typing ability while they compete with other players on the leaderboard.

- Presented this app for Playcrafting Expo at Microsoft, the line went around the block at the center of Times Square.
- Integrates blockchain authentication from BlockStack and connects the user's unique ID with Rails backend.
- Manipulates the DOM with Vanilla Javascript to instantaneously render information to the user.
- Utilizes Active Model Serializers to format JSON while storing and exchanging user data.

TECHNICAL SKILLS

JavaScript, React, Redux, Ruby, Rails, MVC, REST

EMPLOYMENT HISTORY

HyperFundIt   *New York, NY*
Co-Founder   *August 2016 - August 2018*

- Spoke at a blockchain conference about crowdfunding and the opportunities that can arise from integrating influencer marketing with cryptocurrency.
- Collaborated with a team to bring over 60,000 people together at a series of blockchain events through funding and marketing efforts in Nigeria.
- Enabled an app development team to build a Crypto-to-Ghanaian currency exchange which reduces transaction time by 3 to 5 days and fees by over 10%.
- Managed the funding and marketing for a team conversing with the Government of the Philippines about blockchain technology and the benefits that it can bring to Filipino citizens.
- HyperFundIt was highlighted by news outlets from China, Korea, Nigeria, and top influencers on Steemit.

Army Active, Reserves, National Guard   *United States and Afghanistan*
Engineer   *April 2012 - April 2018*

- Saved the company $400,000+ in three months by streamlining the workflow process allowing the team to complete the project three weeks ahead of schedule.
- Resolved complex administrative problems, saved time by changing communication protocols to increase productivity by 50%.
- Developed and formalized internal processes, including training materials to support team growth. Lead recruits to a 100% graduation rate, which hadn't happened in 7 years.
- Awarded the Army Commendation Medal for deconstruction of 10+ hostile sites and recovering $3,000,000 in material costs.

EDUCATION

Flatiron School   *New York, NY*
Full Stack Web Development Immersive Program (Ruby, Rails, JavaScript, React)   *2019*

Stony Brook University   *Stony Brook, NY*
Degree: Technological Systems Management   *2016*