Robert Chen

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Web developer with 2 years of experience who enjoys solving complicated problems with simple solutions. Experience in JavaScript, React, Redux, Ruby on Rails, with a background in co-founding a SaaS startup. Proven skills in team-building to increase cross-level communication.

http://bit.ly/seeportfolio

TECHNICAL PROJECTS

PlayTime - [Github Frontend](#) | [GitHub Backend](#) | [Demo](#) | [Video](#)
Social media & events platform built to organize movie meetups for local developers.
- Solidifies React fundamentals while handling forms and passing information between components.
- Deepens understanding and usage of asynchronous Javascript from fetch requests and promises.
- Strengthens usage of JSON Web Tokens and BCrypt for encryption.
- Applies Flexbox, transitions, animations, and more custom CSS.

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 which consisted of over 2,000 attendees with a high approval rate.
- Utilizes Active Model Serializers to format JSON while storing and exchanging user data.
- Integrates blockchain authentication from BlockStack and connects with Rails API.
- Enhances understanding of how Javascript and CSS affect the DOM.

Welcome Board - [Github Frontend](#) | [GitHub Backend](#) | [Demo](#) | [Video](#)
Allows senior students to welcome and post advice/tips for junior students at Flatiron School.
- Worked 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.

SKILLS

Javascript, React, Redux, Ruby on Rails, HTML, CSS, MVC, REST, Heroku, Netlify

EMPLOYMENT HISTORY

HyperFundIt   *New York, NY*
Co-Founder & Web Developer   *August 2016 - August 2018*
- Developed prototype on Squarespace, then WordPress with HTML, Javascript, CSS, and plugins driving traffic up 300%.
- Directly impact the client's ability 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%.
- Spearheaded funding and marketing for a team conversing with the Government of the Philippines about blockchain technology resulting in bringing thousands of Filipino citizens onboard.

US Army Active, Reserves, National Guard   *United States and Afghanistan*
Engineer   *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.
- 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 deconstructing 10+ hostile sites and recovering $3,000,000 in material costs.
- Resolved complex administrative problems by changing communication protocols to increase productivity by 50%.

EDUCATION

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

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