

Robert Chen

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<http://bit.ly/seeportfolio>

Full stack web developer who enjoys solving complicated problems with simple solutions. Experience in JavaScript, React, Redux, Ruby on Rails, with a background in Project Management. Proven skills in team-building to increase cross-level communication.

TECHNICAL PROJECTS

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

Social media & events platform built to organize movie meetups that I host 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 my 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