

# 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.

**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.

**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.

## SKILLS

Javascript  
React  
Redux  
Ruby on Rails  
HTML  
CSS  
MVC  
REST

## 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