

# Zhengjian(Jay) Liu

Software Engineer

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## SOFTWARE ENGINEER | FULL-STACK WEB DEVELOPER

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Software Engineer experienced in Ruby on Rails, React, and Javascript based programming with a background in Computer Information Systems. Possess a solid foundation of web development and the ability to conceptualize solutions to complex problems. I take pride in being a hands-on and driven engineering team member who prototypes quickly and can arouse the passion of team members for innovation.

## TECHNICAL SKILLS

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JavaScript, ES6+, React, Redux, HTML, CSS, SASS, Ruby on Rails, JSON, Bootstrap, Test Driven Development, NPM, APIs, Git, GitHub, Affinity (Designer, Photo)

## TECHNICAL PROJECTS

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**Zip Trade** | React, Redux, Rails, HTML, CSS

[Frontend](#) | [Backend](#) | [Website](#) | [Video](#)

*An second-hand marketing app provides a connection for local market*

Nov 2020

- Applied JWT authentication to Ruby on Rails backend to control user authentication and accessibility
- Implemented Redux.js library to manage state and increase maintainability
- Custom built Ruby on Rails API with Active-Storage to upload and save images
- Added the function of modifying product information and user information to further enhance user experience

**BestBay** | React, Redux, Rails, HTML, CSS, Affinity Designer

[Frontend](#) | [Backend](#) | [Website](#)

*An electronic e-commerce website that allows user to place order and search electronic products*

Oct 2020

- Designed and created frontend icons with Affinity Designer to improve visual appearance of the site
- Styled with custom CSS to provide smooth page transition and login animation to improve user experience
- Front end built with ReactJS for fast-loading single page behaviors

**YouPlay** | Rails, HTML, CSS

[Frontend](#) | [Backend](#) | [Website](#)

*An application that allows users to search, view, comment on videos online*

Sep 2020

- Implemented YouTube API search bar that dynamically populates and stores results
- Styled with custom CSS and custom loading animation in login page and page transition to enhance user experience
- Created RESTful API for user profile, playlist with CRUD functions

## EXPERIENCE

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**General Furniture**

Flushing, NY

Lead Sales Representative

05/ 2017 – 03/ 2020

- Maintained and improved customer relationship and experience
- Increased monthly revenue by about 30%
- Recorded the monthly revenue from the past few years and formulate marketing strategies through data analysis

## EDUCATION

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**Flatiron School**

New York, NY

Full Stack Web Development, Ruby on Rails and JavaScript program

08/ 2020 - 12/ 2020

**Baruch College / CUNY, Zicklin School of Business**

Manhattan, NY

Bachelor of Business Administration, Computer Information Systems

Graduated: May 2020