

# JC CHANG

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Front-end web developer seeking a socially responsible organization with a shared passion for creating change through code that will leverage and expand my skills as a self-driven problem solver and effective communicator to help make lasting, positive social impact with cutting edge technology.

## TECHNICAL PROJECTS

[SpaceShare](#) (u: [demo@spaceshare.com](#), p: [demo](#)) - [Frontend](#) | [Backend](#)

*CoWorking Space webapp built around concept of AirBnb for offices.*

- + Full stack single page webapp built with Ruby on Rails PostgreSQL backend with React-Redux frontend
- + Interacts with CoWorking Map API for backend database
- + Utilized moment.js and semantic-ui-react-calendar libraries for date-time input and formatting
- + Styled with Semantic-UI-React

[Avengers Assembler](#) - [Frontend](#) | [Backend](#)

*Single player online game based on Marvel's Avengers franchise.*

- + Full stack single page webapp built with Ruby on Rails backend with React frontend
- + Implemented React-Beautiful-DND library for streamlined drag-and-drop of in-game units
- + Fully styled with custom CSS, no UI design libraries used.

[Flatiron LearnTube](#) (username1: [student](#) | username2: [instructor](#)) - [Frontend](#) | [Backend](#)

*Student learning tool collecting recorded in-class lectures allowing Flatiron students to make notes while reviewing past lectures.*

- + Implemented Youtube API to directly stream lecture videos
- + Uses Rails PostgreSQL backend with javascript frontend
- + Deployed on herokuapp and github pages and was utilized by classmates during program
- + Styled with Bootstrap front-end framework

## TECHNICAL SKILLS

Javascript, React, Redux, JQuery, Jest, Enzyme, Ruby, Ruby on Rails, RSpec, Active Record, Sinatra, HTML, CSS, Sass, SQL, PostgreSQL, Sqlite3, Bootstrap, Semantic-UI, Photoshop, Node.js, Git, Github, Heroku, JSON, Excel

## EMPLOYMENT HISTORY

**Flatiron School**, Washington, D.C.

Software Engineering Coach, *Mar 2019-Mar 2020*

- + Lead classes of 10+ students in lectures and programming demos
- + Facilitated student learning through pair-programming to debug and test student code
- + Developed and lead 30+ student project sprints throughout a 15-week semester
- + Piloted and provided feedback on experimental changes in curriculum and pedagogical styles
- + Prepared students for technical interviews with whiteboard exercises and mock coding challenge reviews.

**Transpacific Financial**, Pasadena, California

Associated Agency, *Jun 2012-Nov 2017*

- + Managed client accounts totalling over \$10,000,000 in assets
- + Specialized in financial planning for high net-worth foreign national clients
- + Directed small staff and oversaw day-to-day company operations

**World Drum Major Association**, Anaheim, California

COO & Scholastic Programs Director, *Sep 2010 - May 2012*

- + Coordinated and oversaw the largest competition circuit for Jr. High and High School Drum Majors
- + Restructured operations in first year that led to triple revenue growth
- + Organized and oversaw summer Drum Major camp that doubled in enrollment the second year

## EDUCATION

**Flatiron School** - 2019

- + Full Stack Web Development, Ruby on Rails and JavaScript online program

**University of California, Riverside** - Riverside, CA - B.A, Political Science, B.S., Business Administration