

Joseph S. Cha

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FULLSTACK SOFTWARE ENGINEER

- **Fullstack Developer** Experienced in Ruby and JavaScript based programming and frameworks such as Rails and ReactJS/React native.
- **Expert in Project Management and Problem Solving** with a driven mind-set that helps like-minded teams and companies achieve their goals.

TECHNICAL TOOLS

Languages: JavaScript (ES5/ES6), Ruby, HTML, CSS, SQL

Technologies | Frameworks | Libraries: Ruby on Rails, React, React Native, Redux, Node.js, PostgreSQL, SQLite3, Bootstrap, Semantic-UI

PROJECTS

Learn N'Play - Github: [Backend](#) | [Frontend](#)

Education app designed to allow children to practice core Reading, Writing and Math skills.

- Incorporated Web Speech Recognition API to handle confirmation of voice inputs.
- Implemented ActiveStorage to allow users to upload and store image files to Rails API.
- Wrote custom CSS to create visual cues to keep users engaged.
- Tech Stack: Rails API, PostgreSQL database, Web Speech Recognition API, ReactJS, Javascript(ES6), JSX, CSS, HTML.

Gundam Battlefield - Github: [Backend](#) | [Frontend](#)

Single player turn based progression RPG.

- Utilized ReactJS and react-router-dom to create a SPA.
- Wrote custom CSS to implement animations and dynamic game visuals.
- Tech Stack: Rails API, PostgreSQL database, ReactJS, JavaScript(ES6), JSX, CSS, HTML.

Gachamons - Github: [Backend](#) | [Frontend](#)

Browser based game inspired from mobile game genre "gacha".

- Used DOM manipulation to mimic a SPA.
- Utilized Ruby on Rails to create an API database to hold and manipulate information used by the application.
- Tech Stack: Rails API, PostgreSQL database, JavaScript(ES6), DOM, CSS, HTML.

EMPLOYMENT

Clearview Eye Surgery PC

Queens, NY

Surgical Coordinator & Site Manager

08/2016 - 10/2019

- Team Management - Hired and trained a team of 15, daily scheduling of 15 staff and 7 physicians.
- Site Management - Ensured all licenses, medicines, equipment and protocols were up to date and well maintained.
- Surgical Coordination - Presurgical work to Post-surgical care; Ensured all data was 100% precise to give each patient peace of mind and the best patient experience.

High Post, Junction Sports LLC

Queens, NY

Assistant General Manager

10/2011 - 01/2015

- Team management - Hired and trained a team of 5, trained managerial staff, oversaw bookkeeping.
- Introduced Data analysis process - Utilized past data to improve order and sales margins.

EDUCATION

Flatiron School

New York City, NY

Full Stack Web Development, Ruby on Rails and JavaScript program

02/2020 - 06/2020