

Austin Melchior

818-268-5442 | raustin.melchior@gmail.com | [Github](#) | [LinkedIn](#) | [Portfolio Website](#)

Full Stack Engineer with a passion for learning, teaching, and programming. With experience in Ruby on Rails, JavaScript, and React and a background in various fields including technology, pyrotechnics, and education. Adapts quickly to new technologies and brings strong skills in mentorship and problem-solving.

TECHNICAL PROJECTS

Magic Manager Pro - [Github](#) - [Live Version](#)

A trading card game manager that allows users to keep track of their Magic the Gathering cards and decks

- Follows object oriented programming principles to build robust CRUD app using Ruby on Rails
- Employs Javascript to create a smoother experience for the user when interacting with the service
- Implements custom user login with authentication, authentication through Facebook
- Hosted on a web server configured with SSL/TLS encryption, web caching, HTTP2 protocol and file compression

Streamy - [Github](#) - [Live Version](#)

A live streaming app that allows users to live stream activities on their computer to the world

- Implements React to allow users to create, update and delete live streams
- Uses Redux middleware to manage state in a scalable manner
- Utilizes a Rails backend API with a PostgreSQL database and a separate RTMP server to handle content streams
- Hosted on a web server configured with SSL/TLS encryption, web caching, HTTP2 protocol and file compression
- Integrates frontend Google authentication

TECHNICAL SKILLS

Ruby, Rails, SQL, JavaScript, React, Redux, CSS, HTML5, Nginx, Java, Eclipse, React Native, Python, C++, PostgreSQL, SQLite, Visual Basic, Linux, Git, Github, DevOps

PROFESSIONAL WORK EXPERIENCE

WeWork (Flatiron School), New York, New York, (Remote)

Software Engineering Coach, 2019 - Present

- Pair with students to provide technical guidance through the Flatiron curriculum on subjects including Ruby on Rails, Javascript, React, and development environments.
- Submit pull requests to fix errors in instructions, tests & support documentation and create JIRA issues when necessary
- Mentor and train new hires in the Socratic method, problem solving through pair programming, and the use of the various technologies required to maintain a smooth user experience for students.

HelloTech, Los Angeles, California

HelloTech Hero, 2016

- Resolve technical issues across multiple platforms including Windows and Mac PCs and laptops, Android and Apple handheld devices, printers, email clients, audio and video equipment, streaming devices and smart home technology
- Install and configure numerous new smart home devices, and technologies

Bellis Reinforcing Steel, Chatsworth, California

Office Manager, 2013 - 2014

- Managed website content creation and maintained healthy system security by removing malware and viruses
- Automated payroll processing, job pricing, and various other tasks using custom software built with Visual Basic

EDUCATION

Flatiron School - 2018

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

Los Angeles Pierce College - Woodland Hills, California - September 2013 - April 2015

- Credits towards an Associate's Degree in Business and Computer Science