Austin Melchior

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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 a coherent CRUD app using Ruby on Rails
+ Employs Javascript to create a smoother experience for the user when interacting with the service
+ Implements user login with authentication and error handling

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
+ Integrates frontend Google authentication
+ Utilizes a Rails backend API with a PostgreSQL database

TECHNICAL SKILLS

Ruby, Rails, SQL, JavaScript, React, Java, Eclipse, React Native, Python, C++, PostgreSQL, SQLite, Visual Basic

RELEVANT WORK EXPERIENCE

WeWork (Flatiron School), New York, New York, (Remote)
Software Engineering Coach, *2019 - Present*
+ Pair with students to provide technical help 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

HelloTech, Los Angeles, California
HelloTech Hero, *2016 - 2016*
+ Resolved technical issues across multiple platforms including Windows and Mac PCs, Android and Apple handheld devices, printers, email clients, audio and video equipment, streaming devices and smart home equipment

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 Visual Basic programming

OTHER WORK EXPERIENCE

+ American Income Life Insurance Cohen-Cohen Agency, Simi Valley, CA - *2016 – 2017*
+ Independent Contractor for Pyro Spectaculars, Rialto, CA - *2012 – 2017 (Seasonal)*
+ McCormick Construction, Burbank, CA - *2014 – 2016*

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 Associate's Degree in Business and Computer Science