Steven McVey

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LinkedIn | Github | Blog

FULL STACK SOFTWARE ENGINEER

Teacher-Turned-Software Engineer with experience in JavaScript and Ruby-based programming. I am highly adept at integrating and applying knowledge from many different areas when problem-solving. I am adaptable, perceptive, and patient, and can sometimes be unconventional in my thinking and in the way that I approach things.

TECHNICAL SKILLS

JavaScript, React, Ruby, Rails, Active Record, Postgres, RESTful API, JSON, HTML, CSS, Git, Chinese, Korean

TECHNICAL PROJECTS

Chinese Character Test - Github | Demo | Website **(UN: exampleteacher, PW: password123)**
A web-based application designed for Chinese language teaching and research, enabling the assessment of students' character recognition abilities and providing comprehensive tools for viewing and analyzing test results
- Created custom database schema and REST API with Rails, Active Record, and PostgreSQL
- Integrated custom validations and error-handling
- Implemented secure passwords with BCrypt and session-based authentication to support secure login
- Designed a clean user interface with React and Bootstrap

Scamps - Github | Demo
An app for parents to sign their children up for Summer camps
- Created a full-stack web application using a Rails API backend and a React frontend, combining server-side and client-side technologies for a seamless user experience
- Implemented full CRUD actions for resources, following RESTful routing conventions for backend routes
- Incorporated user authentication and authorization features according to the latest industry standards

EXPERIENCE

Salem Keizer Public Schools, Salem, Oregon   10/2021 - 06/2022
Science Teacher
- Designed and implemented engaging lessons to expose students to the importance of science in understanding the world around them
- Actively sought out professional development opportunities to further enhance behavior management techniques and teaching methodologies, staying up-to-date with best practices in science education

Jianzhong Kindergarten, Zhuhai, China   10/2015 - 01/2020
Pre-school Teacher
- Created and delivered English immersion lessons catering to the unique needs and learning styles of young students
- Collaborated with fellow teachers to share best practices, develop innovative teaching strategies, and participate in professional development activities
- Achieved outstanding results in student English proficiency levels, consistently receiving praise from local elementary teachers for our students' exceptional language skills

EDUCATION

Flatiron School   2022 - 2023
Full Stack Web Development, Ruby on Rails, and JavaScript program

Willamette University, Salem, Oregon   2012 - 2013
Master of Arts in teaching Chinese and Mathematics

National Taiwan University, Taipei, Taiwan   2011 - 2012
Year-long intensive International Chinese Language Program (ICLP)

University of Oregon, Eugene, Oregon   2007-2011
Bachelor of Arts in Chinese Language and Literature