

Yancy Zhang

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Summary

Software engineer experienced in React, Ruby on Rails and JavaScript based programming with a background in database design and data analysis in the financial industry.

TECHNICAL SKILLS

React, Javascript, Ruby, Python, Ruby on Rails, Node.js, Express.js, PostgreSQL, MongoDB

TECHNICAL PROJECTS

Quiz Box - <https://github.com/yuanxizhang/quiz-game-frontend>

A React app that retrieves data from a Rails REST API. This online learning app has flash cards, and quiz games.

- Designed the front end components with React, built the backend API with Rails, user authentication with JWT.
- Created the database with PostgreSQL.

Book Lessons - Github <https://github.com/yuanxizhang/book-lessons> | Demo <https://book-lessons.herokuapp.com/>

A Ruby on Rails app that helps users book lessons to improve their skills, read and post review of instructors.

- Designed and built the frontend of the app with HTML, CSS and Bootstrap.
- Used Google OAuth2 for user authentication.
- Employed bcrypt Ruby gem in the backend for user authentication.
- Designed the database schema and coded all the database logic using ActiveRecord and PostgreSQL.

EXPERIENCE

Software Developer, American Horse Project, Remote

04/2021 - Present

- Work with a team of designers and developers and collaborate on building a web application for horse rescuers to list the horses available for adoption. Use React for frontend, Node.js, Express.js and MongoDB for backend.

Full Stack Software Engineering Student, Flatiron School, Remote

02/2019 - 02/2021

- Designed and built the frontend web applications using JavaScript, React and Bootstrap, built the REST APIs with Ruby on Rails and PostgreSQL.

After School Program Teacher, Yu Ming Charter School, Oakland, CA

09/2019 - 03/2020

- Reinforced and accelerated the academic learning for students in grades 3-8 in math, chinese reading and writing. Planned the learning activities that meet the individual needs, interests, and the abilities of the students.

Treasurer, Friends of Albany Library, Albany, CA

03/2014 - 09/2018

- Analyzed financial data, managed an annual budget of more than \$40,000, developed and presented monthly and annual financial reports, designed promotional posters for book selling events.

MIS Analyst, Capital One, Las Vegas, NV

03/2012 - 12/2013

- Built DB2 databases, designed SQL queries, wrote SAS programs to collect data, worked with operations managers to determine business requirements, develop data warehouse strategies, and define key performance indicators, designed and produced dashboards and reports to identify and address critical issues.

Business Information Analyst, HSBC Card Services, Las Vegas, NV

02/2004 - 01/2009

- Wrote SAS programs and SQL queries to perform data analysis on credit application data and developed monthly and quarterly reports for different portfolios, worked on implementing new strategies to improve customer experience.

EDUCATION

Flatiron School, Software Engineering Immersive Program

Remote

University of Washington, Coursework completed in Sociology Graduate Program

Seattle, WA

Renmin University of China, Masters of Arts in Economics

Beijing, CHINA

Renmin University of China, Bachelor of Arts in Economics

Beijing, CHINA