Yancy Zhang

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Summary

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

TECHNICAL SKILLS

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

TECHNICAL PROJECTS

Quiz-box - https://github.com/yuanxizhang/quiz-game-frontend | Demo: https://quiz-box.netlify.app/flashcards
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, Code The Dream, Remote   06/2021 - Present
- Work with a team of developers improving the web app and mobile app of Vamos project. This app tracks visits to farm workers in different sites, it is built with React Native for mobile , and Rails for web app and REST API.

Software Developer, American Horse Project, Remote   04/2021 - 06/2021
- Worked with a team of designers and developers on a web application for horse rescuers to list the horses available for adoption. The app was built with the MERN stack(MongoDB, Express, React, and Node).

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