

Yancy Zhang

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Software QA Engineer with production experience building and testing software applications

TECHNICAL SKILLS

- Software QA: white box testing, gray box testing, black box testing
- Testing tools: BrowserStack, Chrome DevTools, Android Studio, ADB, Xcode, Postman
- Development: Express.js, Node.js, React, Ruby on Rails
- Scripting: JavaScript, TypeScript, Python, Ruby
- Databases: PostgreSQL, MySQL, SQLite, MongoDB

WORK EXPERIENCE

Backend Software Engineer/Software QA Engineer, Code The Dream, Berkeley, CA 06/2021 - present

- Develop and maintain a web application that is used by more than 100 organizations.
- Improve the advanced search feature for users by debugging issues with user interface design
- Investigate and debug software problems, track and report issues with Jira
- Reduce testing time before each release by automating a group of manual tests

Software QA Engineer, LingoCard, Berkeley, CA 11/2021 - 01/2022

- Created test plans, designed test scenarios, built test cases, tracked defects with ClickUp
- Performed cross-platform testing on data sync between web app, mobile app and the backend
- Conducted functional and UI testing in both development and production environment

Software Developer, American Horse Project, Berkeley, CA 04/2021 - 06/2021

- Developed a web application for horse rescue organizations to list horses for adoption
- Solved backend server issues by performing API testing and debugging the server

Software Developer, Self Employed, Berkeley, CA 02/2019 - 04/2021

- Developed web applications using JavaScript, React, and Ruby on Rails
- Performed white box testing on applications, found and fixed bugs in the software program
- Wrote and published blog posts on software development tools

TECHNICAL PROJECTS

Quiz-game - GitHub: <https://github.com/yuanxizhang/quiz-game-api>, <https://github.com/yuanxizhang/quiz-game-frontend>
An edtech web app that helps users to review flashcards and test their skills with an online quiz

- Developed the web application using React and Ruby on Rails
- Performed functional testing and UI testing
- Used JWT for user authentication

Book-lessons - GitHub: <https://github.com/yuanxizhang/book-lessons> | Website: <http://book-lessons.herokuapp.com>
An easy to use booking app that helps users book lessons, rate instructors and post reviews of instructors

- Developed the web application using Bootstrap and Ruby on Rails
- Used OAuth 2.0 for user authentication
- Built the database with PostgreSQL

EDUCATION

Flatiron School, Software Engineering Program
University of Washington, Coursework completed in Sociology Graduate Program
Renmin University of China, M.A. in Economics
Renmin University of China, B.A. in Economics