Xiaoyi Liu

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PROFESSIONAL SUMMARY

Full-stack software engineer with a BA in Computer Science with strong skills in Ruby on Rails and JavaScript based programming. Possess strong skills in developing, testing and debugging code and a passionate mindset of creating innovative and high-quality products. I look forward to a position in web development or Saas.

TECHNICAL SKILLS

Ruby, Rails, SQL, Javascript, Reactjs/Redux, HTML5, CSS, Java

TECHNICAL PROJECTS

Online Store (Ruby on Rails, React, Redux) - Github | Demo

A web application is e-commerce for anyone who sells their creative products and who purchases some unique goods.
- Utilized JSON Web Tokens and localStorage to store encrypted user information client-side.
- Applied ActiveStorage to persist images from client-side
- Implemented React Router DOM to create multiple routes in SPA
- Used Redux Thunk to handle async actions of AJAX

Commercials Board App (Ruby on Rails) - Github | Demo

A web application for small business owners spreads their excellent products.
- Implemented Omniauth and Bcrypt to secure user authentication
- Used RESTful URLs to maintain users' CRUD actions
- Utilized ActiveRecord to persist data in a relational database

EXPERIENCE

Freelance Software Developer, 02/2021 - Present

Self-Employed
- Developed web-based applications from scratch, utilizing Reactjs and Ruby on Rails frameworks
- Designed components to encapsulate related data using AJAX, communicating with RESTful APIs
- Developed back-end structure utilizing MVC design pattern
- Constructed relational database from scratch, utilizing SQL

Student Technology Mentor, 09/2015 - 12/2016

Center For Teaching and Learning of LaGcc   Long Island City, NY
- Supported freshmen to build their online profiles
- Assisted computer lab users (both college students and faculties) to solve their technological issues

EDUCATION

Flatiron School, New York City, NY
Full Stack Web Development, Ruby on Rails and JavaScript program   02/ 2020 - 02/2021

Queens College of City University of New York, Queens, NY
Bachelor of Art in Computer Science   07/2016 - 08/ 2019

LaGuardia Community College of City University of New York, Long Island City, NY
Associate in applied Science in Computer Science   01/2015 - 06/ 2016