

RESUME

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GitHub Page: <https://github.com/qibowen-99>

Seeking a full-time software engineer position starting from June 2024.

EDUCATION

Master of Science, Computer Science

09/2022 – now

University of California, Riverside (UCR)

Relevant Coursework: Artificial Intelligence; Design of Operating System; Software Construction; Advanced Software Testing Analysis; Design Analysis of Algorithms; Advanced Algorithms; Distributed System; Advanced Operating System, Data Analysis.

Bachelor of Science, Material Chemistry

09/2017 – 07/2021

Peking University (PKU)

Relevant Coursework: Data Structure and Algorithms

SOFTWARE EXPERIENCE

"Around": A Cloud-Enhanced Social Network Powered by React

11/2023

Frontend Development:

- Developed a web-based social networking platform using React JS.
- Integrated functionalities allowing users to create and view posts.
- Enhanced user authentication process through a token-based system incorporating React Router v4, complemented by server-side authentication using JSON Web Tokens (JWT).

Backend Development:

- Established a robust web service using Go, specifically designed for post management, and hosted it on Google Cloud (via Google App Engine).

Incorporated ElasticSearch, hosted on Google Compute Engine (GCE), to facilitate advanced search capabilities, enabling users to find recent posts and access their own post history.

OnlineOrder: A Spring Boot based online food ordering web application

10/2023 – 11/2023

- Developed web APIs for essential operations (Create, Read, Update, Delete) using Spring Framework, covering functions like user signup, browsing menus, placing orders, and completing purchases.
- Utilized Spring Data JDBC and repositories for connecting with a PostgreSQL database on AWS RDS, managing data related to food menus and restaurant details.
- Incorporated user authentication in the application using Spring Security, focusing on session-based authentication methods.
- Designed the software architecture with distinct layers for controllers, services, and repositories, applying dependency injection for better code management.
- Created the user interface with ReactJS and Ant Design, enabling effortless addition of items to a shopping cart and order placement.
- Containerized the build, uploaded it to AWS Elastic Container Registry (ECR), and deployed on AWS App Runner for improved scalability and user reach.

INTERNSHIP

Zhejiang Golden Net Informatics Ltd., Ningbo, Zhejiang, China

07/2020-09/2020

Position: Intern Software Engineer

- Conducted full-stack development.
- Used SpringBoot to develop backend programs.
- Used Mybatis to maintain the database.

HONOR

1st Prize in Chinese Chemistry Olympiad

12/2016

SKILLS

Technical: C, C++, Python, Java, MySQL, Machine Learning, JavaScript, Go

Operating System: Linux, Xv6, Mac, Windows

Software: IntelliJ IDEA, PyCharm, Visual Studio Code, Latex, OmniGraffle, CMake, Postman, Docker