

Jason Zefeng Fu

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EDUCATION

Fordham University, New York, NY
Master of Science, Computer Science

08/2023 - 12/2024 (Expected)

Kenyon College, Gambier, OH
Bachelor of Art, Modern Language & Literature, Minor in Mathematics

08/2018 - 05/2022

SKILLS

Technical Skills: Proficient in Java and Python; Familiar with Spring (Spring Boot, Spring Security), Flask, MySQL, MongoDB, Redis, RabbitMQ, Docker, Kubernetes, Google Cloud, and Javascript; Exposed to C++, AWS.

Languages: English (Native), Chinese (Native), Japanese (Full working proficiency)

PROJECTS

E-commerce

- Developed a full-stack microservices application with a **Spring Boot** backend, featuring well-designed RESTful APIs and enhanced security using **Spring Security**.
- Enhanced e-commerce system management by creating a user-friendly frontend interface with **Vue.js**.
- Developed a robust database infrastructure to support operations, utilizing **MySQL** for primary storage, **Redis** for caching, **MongoDB** for storing user activity and do the analysis, and **Elasticsearch** for prompt searching.
- Implemented **CI/CD** pipelines by containerizing the application with **Docker** and automating deployment using **Jenkins**.
- Managed high volumes of orders and customer interactions efficiently with **RabbitMQ**.

AI Poker Agent

- Developed a full-stack application for Texas Hold'em featuring a trained AI agent that assists with decision-making.
- Implemented a backend server to manage incoming API calls and game data using **Flask**. Integrated with a deep Q-learning model to provide real-time suggestions for users.
- Built a responsive user interface using **React** for an enhanced user experience.
- Deployed the application using **Docker** and **Kubernetes** for scalable and efficient deployment.

ToDoList

- Developed a dynamic and responsive frontend using **React**, ensuring a robust user interface.
- Designed a scalable and reliable database with **MySQL**.
- Built a secure **REST API** to ensure safe transmission of user data.
- Containerized the application using **Docker** and **Kubernetes**, and implemented **CI/CD** pipelines with shell scripts for deployment on **Google Cloud**.

EXPERIENCE

Kintetsu World Express, Wood Dale, IL
Operations Specialist

07/2022 - 08/2022

- Oversaw critical import customs processes and facilitated smooth clearance for international shipments, ensuring compliance with regulations and minimizing delays.
- Handled important billing processes and resolved issues with vendors and customers, maintaining professionalism and fostering positive relationships.
- Utilized proficiency in English, Chinese, and Japanese to effectively communicate and collaborate with customers and team members, enhancing cross-cultural interactions and ensuring clear and efficient communication.
- Streamlined standard operational procedures, leading to improved workflow efficiency and enhanced productivity within the team.

Kenyon College, Gambier, OH

09/2020 - 05/2021

Apprentice Teacher of Chinese

- Developed and maintained an engaging and supportive classroom atmosphere for a group of 10 students, enhancing their ability to learn and speak Chinese effectively.
- Explained challenging Chinese terms and grammar points clearly, providing translations into English as needed to aid comprehension and facilitate learning.
- Thoughtfully planned and structured instructional content and course materials to align with the educational objectives set by the head professor, ensuring successful achievement of teaching goals.

HONORS AND AWARDS

- Mathematical Contest of Modeling: Top 26% winner among 13753 teams.