Jason Zefeng Fu

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EDUCATION

- **Fordham University** — New York, NY
  Master of Science in Computer Science — *08/2023 – 12/2024 (Expected)*

- **Kenyon College** — Gambier, OH
  Bachelor of Art in Modern Language & Literature, Minor in Mathematics — *08/2018 – 05/2022*

PROGRAMMING SKILLS

- **Languages**: Java, Python, Javascript, C++   **Technologies**: Spring, MySQL, MongoDB, Redis, Google Cloud, Docker, Kubernetes, RabbitMQ, Elasticsearch, Logstash, Kibana, Flask, React

PROJECTS

- **E-commerce Mangement System**
  - **Full-stack Application**: Developed a Spring Boot backend to manage inventory and customer orders, and built an interactive Vue.js frontend. Enhanced communication between frontend and backend via RESTful APIs and assured API security with Spring Security.
  - **Optimized Database Architecture**: Designed a high-performance database system using MySQL for core storage, MyBatis as the ORM layer, and integrated Redis for caching. Streamlined the inventory search feature through the integration of Spring Data Elasticsearch.
  - **Advanced Logging and Monitoring**: Implemented the ELK stack (Elasticsearch, Logstash, Kibana) to streamline log management, improving debugging efficiency and enabling detailed application performance insights.
  - **Order Management**: Enhanced the order cancellation feature with RabbitMQ, handling inventory release using delayed messaging.
  - **CI/CD Implementation**: Containerized the entire application using Docker and automated the deployment pipeline through Jenkins, ensuring smooth, continuous integration and delivery.

- **AI Poker Agent**
  - **AI Decision-making Agent**: Created a full-stack Texas Hold'em poker application featuring a deep Q-learning AI agent, providing real-time decision-making assistance to players and increasing game-win probability by 36%.
  - **Flask Backend for Real-time API**: Built a Flask backend that efficiently handles API requests and integrates with the model to deliver real-time AI suggestions.
  - **User-Centric Frontend**: Developed a responsive and intuitive React frontend, enhancing the user experience with real-time feedback and dynamic game visuals.
  - **Scalable Cloud Deployment**: Containerized the application with Docker and deployed it using Kubernetes on Google Cloud, ensuring horizontal scalability and reliability.

EXPERIENCE

- **Kintetsu World Express** — Wood Dale, IL
  Operations Specialist — *07/2022 – 08/2023*
  - **Import Customs Processes**: Oversaw critical import customs processes and facilitated smooth clearance for international shipments, ensuring compliance with regulations and minimizing delays.
  - **Billing and Issue Resolution**: Handled important billing processes and resolved issues with vendors and customers, maintaining professionalism and fostering positive relationships.
  - **Multilingual Communication**: Utilized proficiency in English, Chinese, and Japanese to effectively communicate and collaborate with customers and team members, ensuring clear and efficient communication.

- **Kenyon College** — Gambier, OH
  Apprentice Teacher of Chinese — *09/2020 – 05/2021*
  - **Curriculum Development**: Planned and structured instructional content thoughtfully to align with the educational objectives set by the professor, ensuring successful achievement of teaching goals.
  - **Classroom Management**: Maintained an engaging classroom environment for a group of 10 students over Zoom.
  - **Communication**: Explained difficult Chinese terms and grammar points clearly, fostering an interactive environment by encouraging questions and thoughtful dialogue.