

Wei Zheng

Software Engineer 

- **Location:** London, UK
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Personal Statement

Currently pursuing an MSc in Computer Science at University of West London, with graduation expected in September 2027. 5+ years of software engineering experience across Japan and China, including securities trading system development within the former NRI Group. Experienced in backend development and full software development lifecycle. Currently strengthening expertise in Java, Spring Boot, distributed systems, databases, cloud computing, and DS/AI/ML. Multilingual in English, Mandarin, and Japanese.

Technical Skills

- **Development:** Backend Development, Full Software Development Lifecycle (SDLC)
- **Programming:** Java, Python, SQL, Shell Scripting
- **Data & AI:** Data Science, Machine Learning, Deep Learning
- **Tools:** Git, Linux
- **Currently Learning:** Spring Boot, PostgreSQL, Docker, AWS, Distributed Systems

Professional Experience

Software Engineer

Zhiming Software (Nomura Research Institute (NRI) Group) - Japan/China

July 2021 - Jun 2026 (Full-time)

- Experienced in the **full SDLC**, including **requirements estimation, basic and detailed design, coding, unit testing, integration testing, system testing, UAT, production release, and post-release production support(On-Call)**.
- **File Transfer & Linux Infrastructure Backend:** Maintained and developed Linux-based FTP file-transfer servers, managing file transfers and data flows between multiple servers.
- **Core Order Management Systems Backend:** Designed and developed core securities order-processing systems. Participated in the migration of legacy COBOL systems to Java, including design, implementation, testing, and deployment.
- **Legacy System Migration:** Participated in projects to **migrate and modernise legacy servers and applications**, supporting system transition and continued operation.

- **AI / Automation:** Worked on an AI-based project to convert existing **Excel-based system design documentation into Markdown**, helping modernise and standardise legacy technical documentation.
- **Windows Systems development:** Managed Windows-based servers and developed both backend processing and frontend web applications, transforming incoming source files into visual reports and user-facing web applications.

Education

MSc Computer Science

[University of West London](#) - London, UK

Sep 2026 – Sep 2027

- Algorithms and Applications
- Distributed Computing
- Deep Learning
- Data Science
- Mobile Web Component Development
- Member of the IEEE(Institute of Electrical and Electronics Engineers) Student Branch at the University of West London

BA Japanese

[Southwest University of Science and Technology](#) - Sichuan, China

Sep 2017 - July 2021

- Japanese-Language Proficiency Test (JLPT) N1

Languages

- English
- Mandarin
- Japanese