

Zhongwen Yang

415 583 5395 | yang.zhongw@northeastern.edu | 672 Via Rialto, Oakland, CA 94619

EDUCATION

Northeastern University

Master of Computer Software Engineering

Relative Courses: Data Mgt and Database Design, Application Engineer & Dev, Web Design and UX Engineering, Program Structure and Algorithms

Oakland, CA, US

Expected May 2025

University of Liverpool

Bachelor of Science with Honours in Information and Computing Science

Relative Courses: Software Engineering, Mobile Computing, Data Structures, Computer Systems, Introduction to Networking, Operating Systems Concepts

Liverpool, UK

July 2023

University of Xi'an Jiaotong-Liverpool University

Degree of Bachelor of Science in Information and Computing Science

Suzhou, CHN

July 2023

PROJECT EXPERIENCE

Rock Climbing Community

Dec 2023 - Present

- As the Product Manager and both Backend & Frontend Developer, I led the creation of a social and interactive **web application** dedicated to climbing enthusiasts. The platform facilitates the sharing of climbing routes and experiences among gym and outdoor climbers.
- The application was developed using **Vue.js** for the frontend to enhance user interaction, **Spring Boot** for a versatile backend environment, and **MySQL** for efficient data management. The project was managed with **agile methodologies**.
- This project not only established a community-centric platform but also deepened my understanding of intuitive **UI/UX design** with Figma, ensuring a seamless user experience. Managing the project from conception to deployment honed my skills in **full-stack development** and agile project management.

Shi Liu

Sep 2022 – Nov 2022

- Led the development of 'Shiliu', an **android app** for outdoor navigation and sharing memories within the university community, covering both front-end and back-end development.
- Implemented using **Java** in **Android Studio**, the app features user account management, location-based memory posts, leveraging **Android libraries** and the Room database for data handling.
- Successfully launched 'Shiliu' to enhance campus life by connecting users through shared locations and stories. This project deepened my expertise in **Android app development**, particularly in integrating location services and user interface design.

Maplus

Feb 2022 – Oct 2022

- As a Backend Developer for the Maplus **WeChat mini-program**, I developed a solution aimed at simplifying campus navigation and event management, enhancing the educational environment through technology.
- Utilizing the **Spring Boot framework**, I led the backend development, focusing on robust database operations and **API creation** for seamless frontend-backend integration. The project emphasized real-time information verification and interactive mapping.
- The development of Maplus allowed me to refine my skills in **backend development** and **API design**, contributing significantly to my understanding of creating responsive and impactful web applications.

PROFESSIONAL EXPERIENCE

Wuhan Hongxin Technology Service Co. LTD

Software Development Engineer (Intern)

Wuhan, Hubei, China

July 2022 – Aug 2022

- Led the development of a multifunctional **WeChat mini-program**, featuring user authentication, personal information management, and various user-centric functionalities like affair reporting and leave requests.
- Quickly mastered WeChat mini-program development, focusing on enhancing user navigation and interface experience, contributing to a more intuitive app design.
- Demonstrated rapid skill acquisition and application in a fast-paced development setting, successfully delivering the project within a stringent deadline.

SKILLS

Programming Language: Java, Python, JavaScript, SQL, PHP

Technologies: Springboot, Android Studio, Vue, Figma, HTML, CSS/Bootstrap, Git

Other Skills: Agile project management, UI/UX design, Software Engineering, Mobile Computing