

Yunpeng Zhao

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EDUCATION

Chongqing University of Posts and Telecommunications (CQUPT) 09/2019 – 06/2023

Bachelor of Engineering, Electrical Engineering (GPA 3.6)

University of California, Irvine 09/2023 – 03/2025

Master of Science, Computer Engineering (GPA: 3.9)

WORKING EXPERIENCE

Megatronix Technology Co., Ltd, Chongqing, China 07/2022 – 09/2022

Software Development Intern

- Developed vehicle-based android software, deployed on over **200,000 VEHICLES**
- Using Android Jetpack development tools based on MVVM architecture
- Using Kotlin features to increase the development efficiency

China Broadnet, Qingdao, China 03/2023 – 06/2023

Software Engineering Intern

- Planning, construction, and operation maintenance of an emergency broadcast system that covers over **8 MILLION** population
- Developed an automated deployment platform of the broadcast terminal using Java. Reduce terminal device deployment time by **90%**

ACTIVITIES & PROJECTS

Internet+ Shared Umbrella Platform, Chongqing, China 02/2021 – 10/2022

Back-End & Hardware Developer

- Designed and manufactured the mechanical structure of the umbrella-sharing device
- Built a shared umbrella platform using the WeChat mini program for the front end, Flask for the back end, MySQL for the database, and Raspberry Pi for IoT device integration

Carcool Carpooling app, Chongqing, China 01/2023 – 06/2023

Project Manager and Full Stack developer

- Developed back-end using Spring Boot framework, Spring Security for authentication, MyBatis as ORM, and MySQL for database
- Created admin web interface using Vue.js and Element-plus UI library
- Developed Android mobile client with Kotlin and Jetpack Compose, implementing MVVM architecture

Communication Network Testing and Engineering Center, CQUPT 04/2020 – 06/2023

Technical Department Leader

- Determined the technical framework for the department, Assisted in project development
- Organized training sessions on programming languages (e.g., Java, Python) and software design pattern implementation

SKILLS

Programming: Java, Python, SQL, JavaScript, Html, Springboot, Kotlin, Data Structures, Algorithms

Applications: Microsoft Office Suite, SolidWorks, CAD, Git, IntelliJ IDEA, PyCharm