LIN, Houyan

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🎓 EDUCATION

Wuhan University, Wuhan, Hubei, China   September 2020 – Present

Bachelor student in Software Engineering, GPA 3.74 / 4.00, expected June 2024.

👥 EXPERIENCE

NFT Era (NFT 纪元)   May 2022 – January 2023

Backend Dev, Server Operator; Java + Kotlin, SpringBoot, Arch Linux | Business and competition project

AIGC and NFT integration creates a new era for digital collectibles. **NFT Era**, with nearly 200,000 users, supports the circulation of these NFTs. With NFT Era, AI-generated content comes with liquidity and artists have a reliable and secure platform to showcase their digital creations to a worldwide audience.

- Starting from scratch, took the lead in backend development, and participated deeply in the entire process.
- Performed server maintenance, capable of achieving distributed multi-instance operation, zero downtime updates, and has never encountered any major production incidents.

Aid for Golden Autumn (助力金秋)   October 2021 – May 2022

Backend Dev; golang, gin/gorm | Non-profit project

Aid for Golden Autumn is a non-profit WeChat mini program that delivers a holistic ticketing service, including ticket procurement, verification, and redemption, for the performances hosted by the Wuhan University "Golden Autumn" Arts Festival and the Wuhan University School of Arts.

- Took the lead in backend development, including overall structure design and specific development work.
- Peak traffic reached 1,217 QPS with zero ticketing errors.

WHU Dream-Jia (武大梦想珈)   May 2021 – August 2022

Backend Dev; Java, SpringBoot | Non-profit project

WHU Dream-Jia is a non-profit WeChat mini program that provides various services, incl. forums, grade inquiries, activity polls, course schedules, and campus bus tracking, to Wuhan University faculty and students. It has received widespread praise from its user base of over 100,000 individuals, 30,000 of whom are students.

- Developed a fully-featured activity voting module and adeptly assimilated it into the project.
- Actively involved in the development and maintenance of the forum module, with a deep commitment to ensuring its continuous improvement and functionality.
- Undertake routine maintenance on various components of the project and expediently remedy any detected defects.

⚙ SKILLS

- Programming Languages: C/C++, Go, Java, Kotlin, C#, Python, TypeScript, SQL
- Dev Platform: Linux, Windows NT
- Development: Understand common algorithms; master C++ STL; master back-end mainstream frameworks such as gin, gorm, SpringBoot, JPA, MyBatis.
- Server Operating: Master the operation and maintenance of common Linux distributions; master the use of Docker, lxc/lxd containers.
- Learning: Have strong self-learning ability; able to master new technologies through self-study, and able to independently solve various problems encountered through the Internet.

♡ HONORS AND AWARDS

1st Prize, Award on Huawei Cup National Undergraduate IoT Design Contest, Final   August 2022
1st Prize, Award on "China Software Cup" College Students Software Design Contest, Final   August 2022

Ⓘ MISCELLANEOUS

- GitHub: https://github.com/eat-swap
- Languages: English - Fluent (Scored 558/725 in CET-6), Mandarin - Native speaker, Cantonese - Native speaker