Runze Li (Ryan)

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Education

New York University   Sep. 2023 - May. 2025
M.S. in Computer Science   *New York, United States*
GPA: 3.93 / 4.00

Tianjin University   Sep. 2019 - Jun. 2023
B.Eng. in Computer Science and Technology   *Tianjin, China*
GPA: 3.66 / 4.00

Professional Experience

Huawei Technologies Co., Ltd.   Aug. 2025 - Present
Software Engineer   *Shanghai, China*

- Led major development of "Huawei eKit", ensuring timely delivery of key project requirements.
- Diagnosed and resolved 100+ issues, contributing 8,000+ lines of code to enhance system stability.
- Optimized system performance in high-concurrency scenarios by implementing Kafka and thread pool, reducing response time from 120s to 200ms, significantly improving efficiency.
- Participated in "Huawei Cyber Defense", blocking over 80 risky IP addresses and producing detailed analysis reports to strengthen system security.

Huawei Technologies Co., Ltd.   Jun. 2024 - Aug. 2024
Software Engineer Intern   *Suzhou, Jiangsu, China*

- Developed "Huawei iMaster" project for business development and maintenance.
- Integrated LLM in "NCE-Campus" module for tenant configuration.
- Implemented AI Agent "Xiao Kun" to assist users on digital maps.

Hangzhou Dingdian Intelligent Computing Technology Co., Ltd.   Feb. 2024 - May. 2024
Software Engineer Intern   *Remote*

- Participated in the development of "Private Cloud Monitoring System" project.
- Developed responsive user interfaces in the modules of "OS Monitor" and "Service Monitor".
- Defined monitoring collection types as YAML monitoring templates.

Xiaomi Corporation   Apr. 2022 - Jun. 2022
Web Development Intern   *Beijing, China*

- Developed Web-based multimedia frame player.
- Constructed front-end framework to display the video player FPS index monitoring.

Projects

Huawei iGuard   Jan 2026 – Present

- Tech Stack: Java, Kotlin, Android, BLE, OTA, IoT
- Architected and implemented the Bluetooth communication framework for Huawei iGuard, enabling reliable device-to-APP data exchange in production environments.
- Established the end-to-end data pipeline from Huawei iGuard to Huawei eKit, supporting real-time synchronization of device name, battery level, detection results, and firmware versions.
- Led the development of a secure OTA upgrade system, enabling firmware delivery (.cc packages), device flashing, and long-term maintainability.
- Contributed to a commercially deployed product generating over RMB 40M in revenue, and enhanced device lifecycle management through reliable remote upgrade infrastructure.

Huawei eKit   Aug 2025 – Present
- Tech Stack: Java, Kotlin, SpringCloud, MySQL, Redis, Maven, Kafka, Kubernetes
- Took lead in designing and implementing the provisioning (onboarding / configuration) module, handling tasks such as device scanning, parameter dispatch, and initial configuration workflows.
- Defined interface specifications, protocol formats, error handling and retry strategies, and designed collaboration mechanisms between frontend, backend, and device side.
- Leveraged Kafka and thread pool to decouple expensive operations, dramatically improving performance in provisioning flows, reducing latencies from seconds to milliseconds in many cases.
- Developed robust error logging, monitoring, and fault diagnosis tools; participated in root cause analysis and handled corner-case anomalies in production.

Huawei iMaster NCE-Campus   Jun 2024 – Aug 2024
- Tech Stack: Java, SpringBoot, MyBatis-Plus, Maven, MySQL, Kafka, Groovy, YAML
- Developed microservice APIs for modules such as device management and metrics aggregation.
- Handled model invocation, strategy dispatch, state synchronization, and rollback mechanisms for agent services, ensuring high availability and stability.
- Performed interface performance optimization, caching, asynchronous processing, fault tolerance, etc., to guarantee low latency and stability under high concurrency.

Leadership Experience

Student Union in Tianjin University   Aug. 2020 – Jun. 2021
Minister of Organization Department
- Organized sports meeting and "Fluorescence Night Run", attracting over 400 students.
- Carried out "1024 Programmer's Day" theme activity, with more than 1,000 students participating.

Association Committee in Tianjin University   Sep. 2020 – Jun. 2021
Director of Social Practice Office
- Conducted social practice evaluation work in 2020 and 2021.
- Coordinated a social practice evaluation road show with over 2,000 students participating.

Technical Skills

Programming Languages	Java, Python, Groovy, Vue, Kotlin, YAML, C, C++, LaTeX
Frameworks	Spring, SpringCloud, MyBatis, Maven, Node.js, Jalor, MySQL, Redis, Lombok, Swagger, Tomcat, Android, Nginx, Kafka, Kubernetes
Dev Tools	VSCode, IntelliJ IDEA, Git, Linux, Navicat, Docker, Postman