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 - Nov. 2026
Software Engineer *Shanghai, China*

- Full-stack engineer working across Java cloud services and Android applications for "Huawei eKit"; delivered features, production support, and release quality for proxy and orchestration service.
- Contributed **180K+** lines of production code and resolved **200+** issues across cloud, mobile, and device-management workflows.
- Coordinated development and delivery across Android, iOS, Web, backend, and device-facing teams, including technical review and delivery alignment for external development resources.
- Supported Huawei eKit, a global partner platform with **252K+** provisioned projects and **over 1 million** onboarded devices.

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

- Contributed to feature development and maintenance for "Huawei iMaster NCE-Campus" services.
- Integrated LLM-based capabilities for tenant configuration and implemented an AI assistant for digital-map workflows.

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 eKit Aug 2025 – Nov. 2026

- *Tech Stack: Java, Android, Spring Boot, Spring Cloud, MySQL, Redis, Kafka, Kubernetes*
- **Full Stack Engineer:** developed HIS proxy service, the coordination layer between APP/Web clients, regional clouds, downstream orchestration services, and partner platforms.
- Implemented project-aware, multi-region cloud routing using project metadata, country-to-site mappings, and application configuration; integrated MySQL project data and Jalor configuration to route device-management requests to the appropriate regional cloud.

- Built northbound APIs for both human-to-system and system-to-system access: supported Cookie-based session authentication for clients and dynamic token-based authentication for B2B partner integrations.
- Maintained message-consumption and callback workflows for asynchronous downstream events; enabled project, site, and device state synchronization across independently managed frontend and backend data stores.
- Delivered and supported global field capabilities, including AP power mode configuration and firewall factory-reset workflows, while driving production issue analysis and release stability.

Huawei iGuard Jan 2026 – Sep. 2026

- *Tech Stack: Java, Kotlin, Android, BLE, Gradle, Jenkins*
- **Android owner:** owned end-to-end mobile delivery for a portable hidden-camera detection device, covering application architecture, UI flows, BLE packet communication, device control, and state synchronization.
- Designed Guardian Mode for privacy-sensitive environments: replaced audible device alarms with silent notifications while preserving detection behavior in high-risk scenarios.
- Built the firmware lifecycle workflow, including delivery of firmware packages, transfer, and flashing, improving device maintainability and remote upgrade capability.
- Evolved the standalone app into a reusable SDK: packaged core capabilities as an AAR, published it to the internal artifact repository through Jenkins, and integrated it into Huawei eKit via Gradle dependencies.

Huawei iMaster NCE-Campus Aug 2025 – Dec 2025

- *Tech Stack: Java, Spring Boot, MyBatis-Plus, MySQL, Kafka, Groovy*
- **Backend Engineer:** developed site-level and device-level orchestration services that translate cloud-side network configuration into ordered, atomic NETCONF commands for managed devices.
- Implemented user-group-based SSID authorization for campus networks, supporting differentiated access, denial, and bandwidth-limiting policies; designed deterministic priority ordering to ensure correct rule matching downstream.
- Contributed to LACP & Eth-Trunk aggregation support for gateway LAN ports, covering backend validation and multi-client configuration flows for higher bandwidth and link resilience.

Leadership Experience

Student Union, Tianjin University Aug. 2020 – Jun. 2021
Minister, Organization Department *Tianjin, China*

- Organized a sports meeting and Fluorescence Night Run, attracting 400+ students.
- Led the 1024 Programmer's Day event, with 1,000+ participants.

Association Committee, Tianjin University Sep. 2020 – Jun. 2021
Director, Social Practice Office *Tianjin, China*

- Conducted social-practice evaluation activities in 2020 and 2021.
- Coordinated a social-practice evaluation roadshow involving 2,000+ students.

Technical Skills

Languages	Java, Kotlin, Python, Groovy, JavaScript, SQL, YAML
Backend & Cloud	Spring Boot, Spring Cloud, MyBatis, MySQL, Redis, Kafka, Kubernetes
Mobile & Device	Android, BLE, Gradle, AAR/SDK packaging
Engineering	Jenkins, Maven, Git, Linux, Docker, IntelliJ IDEA, Postman