Yan Qin

Open to Spring, Summer intern 2026 │ Bellevue, WA │ (425)543-7782 │ lixiangbei613@gmail.com │ [LinkedIn](#) | GHC25

EDUCATION

Northeastern University   **Expected Graduation Dec 2026**
- Master of Engineering in Computer Software Engineering ,GPA: 4.0/4.0   Seattle, WA
South China Normal University   Sep 2013 - Jun 2017
- Bachelor of Arts in Communication, GPA: 3.74/5.0   China

WORK EXPERIENCE

Software Engineer Intern   May 2025 - Aug 2025
Meituan
- Contributed to B2B food delivery platform with 14.5M+ merchants developing features across web/mobile
- Designed and developed a full-stack analytics dashboard with **React**, **TypeScript**, and **ECharts** supporting multi-dimensional filtering and CSV export. Built backend using **Sequelize** and **MySQL** with optimized query aggregation and caching to handle over 10K requests per hour
- Enhanced **isomorphic React** framework unifying web/mobile UIs to deliver a one-stop merchant operation workflow, simplifying end-to-end processes, fixing critical bugs, and integrating new tracking events for behavior analysis
- Developed and deployed a web-based product bundle promotion feature using AI-assisted development tools, supporting customized price strategies and integrating analytics dashboards for real-time performance tracking

Senior Data Analyst   Jan 2022 - Jul 2023
BIGO
- Designed and executed regional **A/B tests** for the Middle East market to evaluate country-specific bidding strategies, applying statistical analysis to optimize ad pricing and increase eCPM by 15%
- Automated end-to-end KPI reporting pipeline using **Python** and WeCom webhook API, scheduling SQL-based analytics and pushing real-time metrics to WeCom dashboards, reducing manual report turnaround time by 75%
- Built automated **ETL pipelines** using Python and **SQL**, improving analytical efficiency and data reliability

Data Analyst   Aug 2020 - Jan 2022
OPPO
- Conducted 30+ A/B tests and collaborated with the algorithm team to enhance recommendation performance for a 400M-user app store, improving revenue by 25%
- Built conversion funnel dashboards using SQL and **Shell scripts** to track user journey from download to registration, monitoring lifetime value metrics that contributed to 10% revenue growth from algorithmic recommendations

PROJECTS

e-Commerce Supermarket Platform [GitHub](#)   Jan 2025 - Apr 2025
- Architected microservices-based e-commerce platform using **Java** and **Spring Boot** serving 1000+ concurrent users
- Designed MySQL database schema with normalization and indexing optimizing query performance by 40%
- Implemented **RESTful APIs** with **MyBatis ORM** framework ensuring reliable data flow between services
- Engineered responsive frontend using **Bootstrap** and **JavaScript** providing seamless cross-device user experience

Online Chatting Website [Github](#)   Jan 2025 - Apr 2025
- Built a full-stack chatroom using **Node.js**, Express, and JavaScript with RESTful APIs, cookie-based authentication, a modular MVC structure, and **Webpack** with **Babel** for modern front-end builds
- Implemented secure session validation, dynamic chat updates, and real-time user list refresh. Designed state-driven UI rendering and centralized error handling to ensure stability and prevent unauthorized access
- Deployed on **AWS EC2, S3**, and **CloudFront** with HTTPS and **Nginx** load balancing for scalable and reliable performance

Dietary Management Website [GitHub](#)   Aug 2024 - Dec 2024
- Developed **Flask-based** backend with MVC architecture handling 500+ daily user transactions with high reliability
- Constructed optimized MySQL database with complex queries supporting efficient dietary data relationships
- Created visualization components using **Seaborn** and **Matplotlib** generating dynamic data representation dashboards
- Deployed application on AWS ECS with auto-scaling configuration supporting 24/7 availability and load balancing

Digital Marketing System   Jan 2024 - Apr 2024
- Engineered Java **Spring** application utilizing dependency injection and AOP for enhanced system modularity
- Implemented comprehensive test coverage with **JUnit** and **Mockito** achieving 90% code coverage
- Containerized application using **Docker** with multi-stage builds reducing deployment package size by 65%

TECHNICAL SKILLS

Programming Languages	Java, Python, C, C#.NET, JavaScript, TypeScript, HTML/CSS, SQL, Shell
Frameworks	Spring Boot, React, Node.js, Flask, Express.js, jQuery, MyBatis, Hibernate, Bootstrap
Database & Cloud	MySQL, MongoDB, PostgreSQL, AWS ECS/CloudWatch, Azure, Redis, A/B Testing
DevOps & Tools	Git, Docker, CI/CD, JUnit, Mockito, Tomcat, Maven, Gradle, Jenkins, REST APIs