

# Xiaowei Qi

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Available: September 2024

## EDUCATION

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### Northeastern University. Oakland.CA

Khoury College of Computer Sciences

Related Courses: Programming Design Paradigm, Algorithms, Web Development

Sep.2023 - Present

Expected graduation: May 2026

### University of Wuhan, Wuhan, China

Bachelor of Public Administration

Sep 2018

## TECHNICAL KNOWLEDGE

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Language: Java, C, ABAP, Python, JavaScript  
Databases: MySQL, SAP HANA, ABAP  
Web technologies: HTML, CSS, PHP, React

## WORK EXPERIENCE

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### Inspectorio I Hangzhou, China

HRBP

09/2023 - Present 2018 Graduate

- Fulfilled the hiring needs of the Chinese branch and supported a global hiring team, including customer-facing technical leads from a multitude of different backgrounds such as candidates from South Asia and America. This challenge required me to utilize my initiative and match skillsets with requirements from different cultures.
- Partnered with global HR leads on a monthly basis regarding plans, whilst also managing multiple resource actions including an initiative to carefully reduce headcount by 5% per year.

### Cainiao Network | Hangzhou

China Aug 2020 - Aug 2021 HR data analyst

- Conducted in-depth HR data analysis, providing valuable insights to drive decision-making. Internally promoted for proficiency in HR analytics, showcasing a data-driven approach.
- Developed and maintained an HR dashboard for warehouse employee management, resulting in a 10% reduction in labor costs.
- Collaborated with management to restructure workforce, improving efficiency by 35%. Master of Science in Computer Science (In progress)

## PROJECTS

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### Personal Stock Portfolio Management Tool | React, TypeScript, Python, Django, Distributed database, MySQL

- Led a team of 3 to develop a stock portfolio management tool inspired by Yahoo Finance
- Implemented Stock and user related function with Python (Django) and TypeScript (React) with REST APIs
- Adopted distributed MySQL databases from Avien to efficiently retrieve information from multiple data sources, ensuring efficiency, robustness and scalability in handling large datasets
- Implemented unit tests and integration tests using Django Test to decrease 20% software failures
- Integrated CI/CD pipelines with Azure Pipelines, automating the entire software development life cycle from build to deployment to ensure rapidly iteration and delivery

### Second-hand Item Information Exchange Platform | Java, Spring Boot, Vue, MySQL, Git, Azure, JUnit

- Led a team of 8 to develop a web application for students to trade second-hand items, deployed it to AWS, and gained over 200+ users at XJTLU. Utilized Azure DevOps for Agile methodology and Git for version control
- Built the robust REST APIs with Spring Boot, MyBatis, Swagger 2, and an interactive frontend with Vue, Element UI, and Axios
- Implemented automated Unit Tests with JUnit to detect software failures
- Developed a protocol utilizing **TCP** for error-free transfer and interruption recovery to enhance efficiency (2GB in 1 minute)

