

Yi Zhang

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EDUCATION

Northeastern University

Master of Science in Information Systems

Coursework: Application Engineering and Development, Application Modeling & Design, Python for Information Systems, Data Science Engineering Methods & Tools(Machine Learning)

GPA:4.0

January 2025 - Expected May 2027

San Jose, CA

Shanghai Sanda University

Bachelor of Hospitality Management

September 2015 - July 2019

Shanghai

SKILLS

Languages & Frameworks: Python, Java, C++, JavaScript, HTML5, CSS, React, Node.js

Software Development: Object-Oriented Programming (OOP), API Development, Git, Agile, frontend, backend, full stack development

Design & Modeling: UX Design, Figma, Protocie, Lucidchart, UML diagrams, Wireframing, Prototyping

Data & Analytics: SQL (MySQL), NumPy, Data Structures, Data Modeling, Power BI, Excel (Pivot Tables)

Languages: English (fluent), Chinese (native), Spanish (basic)

PROJECTS

Data Quality Check & Cleaning Web Tool (JavaScript, HTML5, CSS)

- Developed a web tool to clean Excel/CSV data with outlier detection and other features.
- Implemented in-browser data structures and algorithms to ensure fast performance and strong data privacy (no server storage).
- Designed and developed interactive UI with real-time results and download options.
- Implemented an Open Source based system for Data-centric data quality calculation.

Medication Reminder App (Figma, UX Design)

- Conducted user research to identify medical adherence challenges and designed user flows in Figma.
- Created interactive prototype with plant rewards system, reminders, and navigation for diverse users.

EXPERIENCE

Student Ambassador

Northeastern University

June 2025 - Present

San Jose, CA

- Organize co-curricular programs, workshops, and cultural events to promote campus community building and student interactions with strong communication skills.
- Connect students with campus resources, support diverse student groups, participate in professional development programs, and provide feedback to improve student experience.
- Lead orientation programs for 200+ new international students, coordinating logistics, campus tours, and academic advising sessions each semester.

Data Analysis Coordinator

Sanofi Investment Co., Ltd.

May 2022 - February 2024

Shanghai

- Managed \$1 million annual budget and developed real-time drug usage tracking system for hospitals, preventing 30% budget cuts through interactive dashboards.
- Collaborated with the regional director to analyze data and identify key customer opportunities during visits.
- Initiated training programs to enhance the team's data literacy, empowering data-driven decision-making.

Business Operations Specialist

Pfizer Investment Co., Ltd.

July 2020 - May 2022

Shanghai

- Managed meetings for Pfizer's product lines (\$5,000-\$850,000), processing 1,075+ applications in 12 months.
- Created China-wide travel and meeting expense reports with team, informing cost optimization strategies.
- Trained 200+ employees on meeting processes, reducing processing time by 20% and coordinated large events including China International Import Expo Pfizer POA, and other large-scale projects.

Intern, Merchandise Trainee

Walt Disney World Resort

August 2018 - January 2019

Orlando, FL

- Maintained displays and inventory while collaborating with global team to achieve sales goals.

HONORS & CERTIFICATIONS

- Discovery Award - Student Research & Innovation Showcase, Northeastern University, April 2025
- Data Structures and Algorithms Certificate, Amazon, Jun 2025
- Object-Oriented Design Certificate, LinkedIn Learning, March 2025
- Database Development Certificate, LinkedIn Learning, February 2025
- SQL Programming Certificate, LinkedIn Learning, March 2025
- Mentorship Program Certificate, Project Management Institute, March 2025