Yi Zhang

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EDUCATION

Northeastern University   **January 2025 - Expected May 2027**
Master of Science in Information Systems   San Jose, CA

Shanghai Sanda University   **September 2015 - July 2019**
Bachelor of Hospitality Management   Shanghai, China

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, Protopie, 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   **June 2025 - Present**
Northeastern University   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   **May 2022 - February 2024**
Sanofi Investment Co., Ltd.   Shanghai, China
 • Managed $1 million annual budget and developed real-time drug usage tracking system for hospitals, preventing 30% recapture 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   **July 2020 - May 2022**
Pfizer Investment Co., Ltd.   Shanghai, China
 • 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   **August 2018 - January 2019**
Walt Disney World Resort   Orlando, FL
 • Maintained displays and inventory while collaborating with global team to achieve sales goals.

HONORS & CERTIFICATIONS

 • Mentorship Program Certificate of Completion, Project Management Institute, March 2025
 • Discovery Award - Student Research & Innovation Showcase, Northeastern University, April 2025
 • Data Structures and Algorithms Certificate, Amazon, Jun 2025