Xiangyue ‘Anne’ Que

Github: https://github.com/Anneqxy | Linkedin: www.linkedin.com/in/xiangyue-que-251178258 | 447-902-1311 | xque2@illinois.edu

EDUCATION

University of Illinois at Urbana-Champaign *Expected: May 2026*

Bachelor of Computer Engineering **GPA: 3.94/ 4.0**

Anticipated Courses: Computer Systems Engineering, Software Engineering, Digital Systems

Relevant Courses: Networked System, Cloud and Edge Computing, Distributed Optimization, Adversarial Machine Learning

Programs: Networked Autonomous Systems

SKILLS

Skills: Python, Java, C++, C, HTML, CSS, Excel, Android, SQL, Quick BI

Language: Chinese (native), English (proficient)

WORK EXPERIENCES

Microsoft Student Ambassadors *Online, Currently*

- Mastered Azure cloud services to develop and deploy AI models, gaining proficiency in cloud computing and machine learning pipelines.
- Designed and led AI-focused workshops, educating peers on leveraging Azure for AI model creation and software-hardware integration.
- Engaged with Microsoft Learn's educational content to master new technologies, earning certifications and badges in various technical domains.
- Promote Microsoft's mission by implementing tech-based solutions and encouraging innovation within peer networks.

Computer Science Course *Urbana, IL*

Course Associate *January 2023 - Currently*

- Devoted 10 hours weekly to mentor and guide 40+ students in Java coursework. Conducted in-person reviews and provided online support for daily homework and machine projects.
- Conducted training courses for 20 new course assistants, equipping them with the skills and knowledge necessary to excel in their roles

Xianjinshu Communication of Technology Stock Company *Beijing, China*

Internship of Junior Engineer *May 2023 - August 2023*

- Employed advanced analytics to examine and evaluate tobacco sales across various categories using order data, and utilizing SQL to effectively manage and organize over 10,000 customer tobacco orders in 2023
- Illustrate decision diagrams employed within the decision-making system of a Tobacco Company by learning and utilizing Quick BI.

PROJECTS

Classroom Reservation System For Student Clubs

- Engineered a registration program adopted by over 50 out of 80 on-campus clubs and 100 students utilizing Python, CVS, and Tkinter, introducing autonomous systems for students and teachers. This innovation significantly optimized the registration process, elevating efficiency and user satisfaction
- Empowered students to efficiently search, reserve, and manage classrooms and time slots, and allowed teachers to oversee orders, confirmed reservations, and added resources for seamless coordination

Workout Tracker Website

- Spearheaded the "Workout Together" project, orchestrating the development of a website to cultivate a fitness community among UIUC students. Developed the website using Java, HTML, CSS, and JavaScript, incorporating features for daily workout logging, feedback provision, and exercise suggestions based on data analysis.
- Implemented a MySQL database to securely store user credentials and workout data. Integrated real-time analytics using Tableau, ensuring synchronized front and back-end updates with analytical charts.
- Oversaw project progress, task delegation, and maintaining effective communication with instructors.

Illinois Geometry Lab (IGL)

Research member, Under Ph.D student Bhalerao Sujeet and Professor Leditzky Felix in University of Illinois Urbana Champaign

- Conducted an in-depth exploration of quantum information theory. Focused on categorizing and documenting unique properties of quantum channels. Collaborating with quantum physics experts to apply optimization techniques and entropic quantity calculations.
- Consolidating research findings to initiate the development of the "Quantum Channel Zoo" website. Designing a dynamic, wiki-style database aimed at advancing research in quantum information theory. Goal is to support the scientific community in efficiently harnessing quantum systems