

# Qiming Liu

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## EDUCATION

### Bachelor of Science in Data Analytics

Expected Graduation: May 2027

Missouri State University | Springfield, MO | GPA: 3.93

- Relevant Coursework: Database Management, Applied Business Statistics, Data Mining, Machine Learning, Programming & Tools: Python, SQL, Java

## PROJECTS & CERTIFICATIONS

### Retail Sales SQL Analysis: Holiday & Promotional Impact

- Built a SQL-based analysis comparing holiday vs. non-holiday weeks to isolate promotional impact, identifying revenue uplift patterns across departments and stores and enabling comparison of high performing promotional periods.

### Automated Daily Operations Monitoring Pipeline

- Built an automated monitoring pipeline to convert raw operational data into daily KPIs and flag anomalies using a rolling 7 day baseline, improving visibility into daily operational performance.
- Orchestrated scheduled runs via n8n to automate KPI reporting into Google Sheets, achieved 100% automation of the data pipeline from raw ingestion to visualization, eliminating the need for manual data entry.
- Improved monitoring consistency by standardizing daily checks and enabling earlier detection of revenue drops and cancellation spikes, supporting faster and more proactive operational decision making.

### IBM Data Analyst Professional Certificate

- Applied Python (Pandas, NumPy), SQL, and data visualization tools to clean, analyze, and visualize real world datasets in an end-to-end analytics capstone project, delivering actionable insights aligned with business needs.

## EXPERIENCE

### Intern – Front Office Operations

Feb 2025 – Mar 2025

Bank of Chaoyang | Liaoning, China

- Reduced average lobby wait time by 15% by reorganizing customer flow and coordinating handoffs to the appropriate service desks.
- Triaged 50+ customer requests per day to support branch operations, improving workflow efficiency and service throughput during peak hours.
- Validated customer documentation and transaction details with high accuracy to support compliance requirements and reduce transaction processing errors.

## ORGANIZATIONS

### Member

Association for Business Information Technology Students(A-BITS) | Missouri State University

Sep 2025 – Present

- Participated in data analytics and IT focused workshops, applied Python, RStudio and data visualization techniques to solve 3 simulated business case studies during weekly workshops.

### Committee Member

Student Union –Literary & Arts Department | Liaoning Normal University

Feb 2024 – Jun 2025

- Coordinated logistics for 3 campus events serving 200+ attendees, managing timelines, resources, and cross team communication.
- Managed run of show support (stage rehearsal, backstage coordination) to ensure smooth transitions and execution on time.
- Collaborated with cross-functional student teams to align schedules, responsibilities, and last-minute changes, ensuring smooth event execution under tight timelines.

## SKILLS

- Technical: SQL (Joins, Aggregations, CTEs), Python (Pandas, NumPy), RStudio, ETL, Excel (Advanced), Data Visualization Tools (Power BI, IBM Cognos Analytics, Matplotlib)
- Analytical & Business: Data Cleaning & Validation, KPI Monitoring & Reporting, Data Automation, Statistical Analysis, Dashboards Development, Business Insights
- Communication & Creative: Cross-Cultural Communication, Public Speaking, Event Planning
- Languages: English (Fluent), Mandarin Chinese (Native)