Zixu(Eric) Xing

Mississauga   https://www.linkedin.com/in/zixuxing/   https://github.com/ericikun

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Summary

Data-focused undergraduate student with hands-on experience in **SQL, R, Python, and Excel** alongside a strong background in **campus outreach and customer service**. Proven ability to clean and analyze complex quantitative and qualitative datasets while maintaining high accuracy in fast-paced environments. Skilled in **technical documentation, presentation design, and student engagement** through roles as a Campus Ambassador and Barista.

Education

University of Toronto Mississauga   Sept. 2023 - Apr. 2028
Applied Statistics & Mathematics   Honours Bachelor of Science

Relevant Coursework: • CSC148(*Introduction to Computer Science*) • STA256(*Probability and Statistics I*) • STA258(*Statistics with Applied Probability*) • MAT236(*Vector Calculus*)

Skills

Technical:
SQL, R, Python, Object-Oriented Programming (OOP), Data Cleaning, Data Visualization, Excel, Word, PowerPoint

Statistics:
Confidence Intervals, Hypothesis Testing, Statistical Power, Type I/II Error, One-Factor ANOVA, Simple Linear Regression

Soft Skills:
Cross-Cultural Communication, Time Management & Multitasking, Detail-Oriented Execution, Collaborative Teamwork, Analytical Problem-Solving, Process Improvement, Adaptability

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Projects

Spotify Collaboration vs Solo Popularity Analysis (R, SQL)   Jan. 2026
Independent Project

- Cleaned and transformed a Spotify track dataset and created features (collaboration indicator, `log(streams)`, charted flag)
- Quantified the popularity gap by estimating the mean difference in log(streams) using **95% confidence intervals** and **two-sample t-tests**
- Assessed chart likelihood by comparing **two-proportion confidence intervals** and **hypothesis testing**

Telecom Billing & Call Analytics System (Python)   Mar. 2025
Academic Project — CSC148

- Designed and implemented an **object-oriented** system to process **large-scale** telecom call records from structured **JSON datasets**
- Implemented contract-specific **billing logic** including free-minute allocation, rate calculation, and monthly bill generation
- Built filtering and querying for call events and wrote **unit tests (pytest)** with **technical documentation**

Experience

Chatime   Nov. 2023 - Present
Barista   Mississauga

- Demonstrated **time management** and **teamwork** by accurately processing **200+** orders daily during peak periods, ensuring high-quality service in a fast-paced environment
- Performed regular inventory checks and restocking to maintain product availability and minimize out-of-stock issues

Easy Group Inc.   Mar. 2024 - Oct. 2025
Campus Ambassador   Mississauga

- Increased student engagement through on-campus outreach and onboarding, providing **bilingual support (English/Mandarin)** to ensure new international participants clearly understood program resources
- **Communicated** complex program resources to diverse student groups by designing clear, engaging **PowerPoint** presentations and supporting on-site event coordination