

# Zixu(Eric) Xing

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<b>Summary</b>	Data-focused undergraduate student with hands-on experience in <b>SQL, R, Python, and Excel</b> alongside a strong background in <b>campus outreach and customer service</b> . Proven ability to clean and analyze complex quantitative and qualitative datasets while maintaining high accuracy in fast-paced environments. Skilled in <b>technical documentation, presentation design, and student engagement</b> through roles as a Campus Ambassador and Barista.	
<b>Education</b>	<b>University of Toronto Mississauga</b> Applied Statistics & Mathematics  <b>Relevant Coursework:</b> • <u>CSC148</u> ( <i>Introduction to Computer Science</i> ) • <u>STA256</u> ( <i>Probability and Statistics I</i> ) • <u>STA258</u> ( <i>Statistics with Applied Probability</i> ) • <u>MAT236</u> ( <i>Vector Calculus</i> )	<b>Sept. 2023 - Apr. 2028</b> Honours Bachelor of Science
<b>Skills</b>	<b>Technical:</b> SQL, R, Python, Object-Oriented Programming (OOP), Data Cleaning, Data Visualization, Excel, Word, PowerPoint  <b>Statistics:</b> Confidence Intervals, Hypothesis Testing, Statistical Power, Type I/II Error, One-Factor ANOVA, Simple Linear Regression  <b>Soft Skills:</b> Cross-Cultural Communication, Time Management & Multitasking, Detail-Oriented Execution, Collaborative Teamwork, Analytical Problem-Solving, Process Improvement, Adaptability	
<b>Projects</b>	<b>Spotify Collaboration vs Solo Popularity Analysis (R, SQL)</b> Independent Project <ul style="list-style-type: none"><li>Cleaned and transformed a Spotify track dataset and created features (collaboration indicator, `log(streams)` charted flag)</li><li>Quantified the popularity gap by estimating the mean difference in log(streams) using <b>95% confidence intervals</b> and <b>two-sample t-tests</b></li><li>Assessed chart likelihood by comparing <b>two-proportion confidence intervals</b> and <b>hypothesis testing</b></li></ul> <b>Telecom Billing &amp; Call Analytics System (Python)</b> Academic Project – CSC148 <ul style="list-style-type: none"><li>Designed and implemented an <b>object-oriented</b> system to process <b>large-scale</b> telecom call records from structured <b>JSON datasets</b></li><li>Implemented contract-specific <b>billing logic</b> including free-minute allocation, rate calculation, and monthly bill generation</li><li>Built filtering and querying for call events and wrote <b>unit tests (pytest)</b> with <b>technical documentation</b></li></ul>	<b>Jan. 2026</b>  <b>Mar. 2025</b>
<b>Experience</b>	<b>Chatime</b> Barista  <ul style="list-style-type: none"><li>Demonstrated <b>time management</b> and <b>teamwork</b> by accurately processing <b>200+</b> orders daily during peak periods, ensuring high-quality service in a fast-paced environment</li><li>Performed regular inventory checks and restocking to maintain product availability and minimize out-of-stock issues</li></ul> <b>Easy Group Inc.</b> Campus Ambassador <ul style="list-style-type: none"><li>Increased student engagement through on-campus outreach and onboarding, providing <b>bilingual support (English/Mandarin)</b> to ensure new international participants clearly understood program resources</li><li><b>Communicated</b> complex program resources to diverse student groups by designing clear, engaging <b>PowerPoint</b> presentations and supporting on-site event coordination</li></ul>	<b>Nov. 2023 - Present</b> Mississauga  <b>Mar. 2024 - Oct. 2025</b> Mississauga