

Sebastian Tsang

647-612-0352 | sebrtsang@gmail.com | [LinkedIn](#) | [Portfolio](#)

EDUCATION

University of Guelph

Bachelor of Computing in Computer Science, Minor in Business

- **Deans Honours List:** 3.7 GPA

Guelph, ON

2022 - Present

EXPERIENCE

Interac Corp.

IT Operations Analyst Intern

Toronto, ON

Sep 2024 – Present

- Spearheaded the Metrics Relevance Assessment Project to address inefficiencies, enhancing the business value of IT Operations reporting
- Automated e-Transfer metrics using ETL principles, extracting Splunk data into SharePoint via Power Automate and creating dynamic Tableau reports, reducing manual work by over 50%
- Created automated Tableau data visualizations for Debit metrics, eliminating 100% of manual effort
- Supported the completion of the Executive Deliverables Report for the Bank of Canada
- Resolved Enterprise Incident Management Tickets in ServiceNow, ensuring efficient and effective incident resolution
- Implemented agile methodologies in Jira, enhancing team collaboration and project tracking
- Finalist in Interac's Debit Innovation Challenge, as part of the only all-intern team; developed an innovative solution and successfully pitched it to the CSO, CPO, and VP of Debit, which was showcased at the company town hall

Spirit of Math Schools Inc.

Data Engineering Intern

Toronto, ON

May 2024 – Aug 2024

- Developed automated ETL Pipelines in Microsoft Fabric Data Engineering for a Finance ERP Integration Project
- Built a Data Lakehouse architecture using Microsoft Fabric Lakehouse to store and manage structured and unstructured data for efficient processing
- Developed SQL stored procedures to perform data validation, transformation, and deduplication
- Implemented Medallion Architecture to filter, clean, and transform raw transactional data from payment platforms
- Optimized data ingestion workflows with error handling and logging to enhance pipeline reliability

Spirit of Math Schools Inc.

Technical Analyst Intern

Toronto, ON

May 2023 – Aug 2023

- Designed and implemented a centralized PDF file access management system in Microsoft Teams, using PHP and Power Automate to automate file access and enhance security
- Developed RESTful PHP APIs to manage file access, integrating Microsoft Graph API to control user permissions
- Built a Power Automate Flow that automatically creates new appointments and leads in Dynamics 365 when an interview is booked in MS Bookings, increasing Marketing lead-to-opportunity conversions by 50%
- Created KPI reports and dashboards in Microsoft Power BI, querying and modeling data to support data-driven decision-making

EXTRACURRICULAR ACTIVITIES

President, UofG Toastmasters

- Led a team of executive members to organize weekly Toastmaster meetings
- Conducted monthly executive meetings to set club goals, coordinate events, and track progress
- Mentored new members by providing advice and feedback on speeches, fostering growth in public speaking skills

SKILLS

Analysis: Requirements Analysis, Troubleshooting & Critical Thinking, Reporting & Data Analysis

Tools: Python, SQL, C, C++, Java, Tableau, Office 365, Dynamics 365 CRM, SharePoint, Power BI, Power Automate, Microsoft Fabric, Azure, Business Central ERP, Power Apps, Excel, GitHub, Jira, Splunk, ServiceNow

Certifications: Microsoft Certified: Azure Fundamentals