

# Pierre Zhang

Mathematics • Statistics | Python • SQL • Tableau • Excel

Mississauga, ON | (647) 809-0880 | pierre4spirit@gmail.com | [www.pierrezhang.online](http://www.pierrezhang.online)

## HIGHLIGHT OF SKILLS

- **Technical skills:** Azure Data Lake, Power BI, Python, R, SAS, SQL, Spark, Tableau, Excel (VBA/Pivot)
- **Analytics:** ETL, Data modelling, A/B Testing
- **Transferable skills:** Attention to Detail Stakeholder Communication, Cross-Cultural Collaboration, Innovation, Documentation Skills

---

## EDUCATION

Honours Bachelor of Science, Major in Mathematics, Minor in Statistics

University of Toronto St. George | Toronto, ON, Canada

Sept 2021 - Apr 2025

Relevant Coursework: Database Systems, Statistical Modeling, Survey Design, Mathematics

---

## PROFESSIONAL EXPERIENCE

### Data Entry Operator

Ruito Tradings Inc. | Mississauga, ON, Canada

Apr 2025 - Present

- Process and validate **1,000+** daily records from company's database, sustaining  $\geq 99\%$  accuracy.
- Automate **Excel-to-SQL** ingestion pipeline, saving **2h/day** manual work.
- Co-standardized numerous KPI data models, cutting the reporting cycle from 2 days to 1 day.
- Take initiative beyond standard Data Entry duties, contributing to automation and analytics workflows.

### Power BI Intern

Shandong Eagle Software Technology Co.,Ltd. | Hybrid

Sept 2024 - Dec 2024

- Boosted decision-making by creating **Power BI** dashboards, improving finance team analysis time by **20%**.
- Cut manual work by **30%** through automated scripts and reduced error rate by **5%**.
- Improved **data security** with role-based access for the company's customer.
- Presented weekly reports to the director, highlighting key insights and progress.

### Data Analyst Intern

Weihai City Commercial Bank | Jinan, SD, China

May 2024 - Aug 2024

- Assisted in analyzing **10,000+** daily financial transactions with **SQL** and **Excel**, improving fraud detection efficiency by **20%**.
- Developed dashboards using **Power BI** and **SQL** to provide critical insights for risk assessment.
- Conducted data cleaning and validation on customer datasets (**1 million+ records**), reaching **98%+** data accuracy for regulatory compliance.
- Maintained and optimized the bank's data platform which improved data accessibility by **25%**.

---

## ACADEMIC PROJECTS

### Project Researcher - Campus Fridge Network

Sept 2024 - Apr 2025

Under the supervision of MealCare.org

- Provided fresh food access to **60,000 students**.
- Applied statistical models (including **k-means clustering**) to optimize fridge logistics for a better sustainable community, and ensured data privacy.
- Conducted a clear map for MealCare with **GIS** and created a budget on cost.

### Project Researcher - Sustainability Support for Residences

Sept 2024 - Dec 2024

Under the supervision of the University of Toronto Sustainability Office

- Set up a model that helps **10,000 students** across more than 10 residences to simplify their move-out process and significantly reduce campus waste.
- Showcased several innovation initiatives while utilizing specialized environmental management skills.

### Project Researcher - Heart Attack Model Analysis Report

June 2024 - Aug 2024

- Analyzed heart attack risk factors with a complex multivariable dataset and examined over **1,000** possible data points from **14 health metrics**.
- Applied multiple linear regression models (**OLS, Ridge, Lasso**), **AIC/BIC** selection, and residual diagnostics methods during this project using **R**.