

Education

University Of Toronto Mississauga

2022-2026

Honours Bachelor Of Science. Major: Mathematics and Statistics Minor: English

Skills and Tools

- **Data Analysis:** Excel (advanced dashboards, Power Query, pivot tables), R, R Studio, Google Sheets
- **Programming & Software:** Python, SQL, Power BI, Tableau, Microsoft Excel, Jamovi
- **Data Visualization:** Histograms, scatterplots, infographics and tables in R, Excel & Jamovi
- **AI & Automation:** Experience with AI-driven data coding and processing tools
- **Attention to Detail:** Strong ability to identify patterns and errors in datasets, cleaning datasets, identifying outliers, and ensuring statistical accuracy.
- **Communication:** Ability to translate complex data insights for technical and non-technical stakeholders
- **Leadership:** Managing, coaching and leading my associates or fellow students.

Scholarships and Awards

- **SVSAES by the Govt of Rajasthan, India:** Covers 100% tuition & 50% non-tuition expenses. Awarded to students with stellar academic record **2022-2026**
- **UTM Entrance Award Of Distinction: \$3000** on acceptance at UofT **2022-2023**
- **Academic Excellence awards:** awarded to **top 10%** of **370+ students** **2019,20,21**

Professional & Research Experience

Data Analyst Intern, WMRCC Durham

6/2025-Present

- Built **automated reporting dashboards** in Google Sheets to track survey utilization and adoption metrics.
- Designed workflows that **improved reporting efficiency by 50%** and reduced manual errors.
- **Created dashboards and summary reports** in Excel and Power BI for stakeholder presentations.
- Ensured inclusive data collection practices, including **accessibility tagging and demographic segmentation**.

Research Assistant, University of Toronto Mississauga

2023

- Processed and **analyzed large datasets** using AI-based tools, ensuring data accuracy and confidentiality.
- Produced weekly reports and **dashboards** for supervisors, **streamlining decision-making** processes.

Quantitative Research in Psychology, University of Toronto (PSY201, 202)

2024

- Conducted **statistical analysis** on working memory deficits in adults with ADHD using **Jamovi & Excel**.
- Performed **t-tests & chi-square tests** created **scatterplots/histograms**, and wrote a full APA-format reports.

Student Researcher, NMS (Study of Biomedical uses of Inorganic Nanoparticles)

2021

- Examined the **application** of inorganic nanoparticles in **MRI, respiratory diseases and cancer heterogeneity**.
- Reviewed their **special features** like displaying LSR bands in the UV-visible-near IR spectral range.
- Co authored and published [research paper](#).

Job Shadowing Intern, Everdata Pvt Ltd.

2020

- Observed asset tracking and **data reconciliation processes** in a data center environment.
- Gained exposure to **financial and database inventory reporting systems**.

Leadership

Vice President of Finance, Mathematical and Computational Sciences Society @ UofT Miss. 2025-26

- Managed financial spreadsheets, vendor invoices, and **developed reporting templates** for transparency.
- Coordinated with cross-functional teams to streamline sponsorship and budget tracking.

Vice President, Women in Science & Computing (WiSC) @ UTM 2023-2024

- Oversaw event budgets and **reconciled financial records** across multiple student-led initiatives.
- Collaborated with Finance & Sponsorship teams to secure partnerships, optimizing resource allocation.

House Prefect in the Student Council 2021

- Managed **500+ students** in Prithvi House, overseeing events and coordination.
- Led virtual competitions, extempore debates, and inter-house activities.
- Systemized school **events operations** and **coordinated with school administration**.

Co founder, Engineering and Innovation Club, NMS 2020-21

- Coached students on **Python, MySQL**, Database Management System (**DBMS**) in one-on-one training sessions with junior students.
- **Hosted sessions** with seasoned entrepreneurs and discussed different business strategies with them.

Community Engagement

Math and English teacher 2018-19

- **Designed** an English and Math **curriculum** for the entire academic year for comprehensive learning to match the students' level.
- Mentored **60+ underprivileged middle school girls** of Nischay for math and english regularly for **6 months, 3 times a week**.
- Tutored them in **soft skills** and **conducted weekly tests**.

Accessibility Writer 2019

- Aided a **student with a disability** for his **10th board examinations** (academic year of 2018-19) by becoming their writer.
- Wrote their Hindi, English, Science and Social Science final exam as they narrated the answers.