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Mitchell Gaudet

Degrees

Master's of Science, *University of Toronto*, Mathematics, Supervised by Yevgeny Liokumovich. **2024-2025**

Honours Bachelor of Science, *University of Toronto*, High Distinction, Mathematics. **2019-2023**

Awards

2024-2025: Ontario Graduate Scholarship

2024-2025: Paul Mandl Graduate Scholarship in Mathematics

Work Experience

Teaching

May, 2025-Present: Teaching Assistant, MAT₂₃₅, **Multivariable Calculus**
University of Toronto

January-May, 2025: Mentor/Instructor, Directed Reading Program. **Topology and Differential equations: de Rham Cohomology and Hodge Theory**
University of Toronto

September, 2024-May, 2025: Teaching Assistant, University of Toronto
MAT₁₃₇, **Calculus with Proofs**

Research

May-August 2022: Undergraduate Research Assistant, University of Toronto
Computational Optimal Transport with General costs

Talks Given

Conference Participation	April 7, 2025: Junior Algebraic Geometry Seminar, University of Toronto.	Varieties, Currents, and Soap Bubbles
	June 11-13, 2025: Brown University	Workshop on Topics in Differential Ge- ometry