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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, MAT<sub>235</sub>, **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  
MAT<sub>137</sub> , **Calculus with Proofs**

### Research

**May-August 2022**: Undergraduate Research Assistant, University of Toronto, supervised by Prof. Robert McCann and Dr. Flavien Léger  
**The Gradient Descent Algorithm for Computational Optimal Transport with General costs**

Talks Given		
	<b>April 7, 2025:</b> Junior Algebraic Geometry Seminar, University of Toronto.	<b>Varieties, Currents, and Soap Bubbles</b>
Conference Participation	<b>June 11-13, 2025:</b> Brown University	<b>Workshop on Topics in Differential Geometry</b>