Mitchell Wadas

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mitchellwadas.github.io

Education

Northeastern University	Boston, MA
M.S. in Applied Mathematics	2024–Exp. 2025
Northeastern University	Boston, MA
B.S. in Mathematics, *summa cum laude*	2020–2024

Research Experience

Northeastern University Math REU	Summer 2024
A bi-Lipschitz Coorbit Embedding of Point Clouds (pdf)	
Advised by Harm Derksen	
Northeastern University Math Capstone	Spring 2024
Relative Invariants with Applications to Galois Theory (pdf)	
Advised by Harm Derksen	

Teaching Experience

Northeastern University, Teaching Assistant for Math 4570	Spring 2025
Northeastern University, Teaching Assistant for Math 4570	Fall 2024

Industry Experience

Morgan Stanley, Quantitative Research Co-op	Spring 2023
Lone Star Analysis, Research & Development Intern	Summer 2022
KKR & Co., Software Engineering Co-op	Spring 2022
Lone Star Analysis, Research & Development Intern	Summer 2021

Honors & Awards

Research Training Grant, NSF & Northeastern University	May 2024
Mathematics Capstone Award, Northeastern University	Apr 2024
Dean's Scholarship, Northeastern University	2020–2024

Selected Talks

A Bi-Lipschitz Coorbit Embedding of Point Clouds, AMS Special Session	Planned Apr 2025
A Bi-Lipschitz Coorbit Embedding of Point Clouds (Poster), Uwe Fest 2024	Aug 2024

Service

Northeastern University Math Department, Undergraduate Mentor	Spring 2025
Northeastern University Bridge to Calculus, Calculus Field Day Volunteer	Apr 2024

Programming

C/C++, Python, SQL, SageMath, LaTeX