MITCHELL WADAS

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Education

Tufts University	Medford, MA
Ph.D. in Mathematics	2025–
Northeastern University	Boston, MA
M.S. in Applied Mathematics	2024–2025
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 w. Applications to Galois Theory ([pdf](#)), advised by Harm Derksen	

Teaching Experience

Tufts University, Teaching Assistant for Math 42	Fall 2025
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, R&D Intern	Summer 2022
KKR & Co., Software Engineering Co-op	Spring 2022
Lone Star Analysis, Intern	Summer 2021

Conference Talks

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

Other Talks

Turing's 1936 Paper, Northeastern Math Club	Apr 2025
Relative Invariants w. Applications to Galois Theory, Northeastern Math Dept.	Apr 2024

Selected Service

Northeastern University, Directed Study Mentor	Spring 2025
• Co-advised an undergraduate project on machine learning.	
Northeastern University, Bridge to Calculus Volunteer	Apr 2024

Programming

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