

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, <i>summa cum laude</i>	2020–2024

Research Experience

Northeastern University REU	Summer 2024
<i>A bi-Lipschitz Coorbit Embedding of Point Clouds</i> (pdf)	
Northeastern University Capstone	Spring 2024
<i>Relative Invariants w. Applications to Galois Theory</i> (pdf)	

Teaching Experience

Tufts University, Teaching Assistant for Math 70	Spring 2026
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

Selected Talks

<i>A Bi-Lipschitz Coorbit Embedding of Point Clouds</i> , AMS Special Session	Apr 2025
<i>A Tour Through Turing's 1936 Paper</i> , Northeastern Math Club	Apr 2025
<i>A Bi-Lipschitz Coorbit Embedding of Point Clouds</i> (Poster), Uwe Fest 2024	Aug 2024
<i>Relative Invariants & Galois Theory</i> , Northeastern Math Dept.	Apr 2024

Service & Mentoring

Tufts University, Monday Math Meeting Organizer	Spring 2026
Tufts University, Directed Reading Program Mentor	Fall 2025
Northeastern University, Directed Study Co-advisor	Spring 2025

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

Programming

C++, Python, SQL, SageMath, \LaTeX