

NAT MILNES

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W431 Math and Science Center

Emory University, Department of Mathematics, 400 Dowman Drive, Atlanta GA 30322

EDUCATION

Emory University August 2023 - May 2028
PhD in Mathematics *(expected)*

University of Oregon September 2019 - June 2023
B.S. in Mathematics
Minor in Computer Science

RESEARCH EXPERIENCE

Undergraduate Summer Research, University of Oregon Summer 2021
Under the supervision of Ellen Eischen, I wrote a MacOS app to plot Gaussian periods, available on the App Store.

TEACHING EXPERIENCE

TAing, Emory University Spring 2024 - Present
Calculus II, Linear Algebra, Advanced Calculus for Data Science

Grading, Emory University Fall 2023
Differential Equations

Grading, University of Oregon September 2019 - June 2023
Intro to Proofs, Linear Algebra I & II, Several-Variable Calc I & II,
Fundamentals of Number Theory, Adv. Linear Algebra

CONFERENCES ATTENDED

Arithmetic Geometry at UNT
University of North Texas May 2025

Automorphic Forms Workshop 37
University of North Texas May 2025

Workshop on Galois Cohomology and Massey Products
University of Ottawa June 2024

PAlmetto Number Theory Series, XXXVII
University of Georgia December 2023

AWM Research Symposium
Clark Atlanta University September 2023

A Pair of Automorphic Workshops: Graduate Instructional Workshop
University of Oregon

July 2022

Connecticut Number Theory Summer School and Research Conference
University of Connecticut

June 2022

OUTREACH

Math Circle, Instructor

September 2023-Present

TECHNICAL SKILLS

Typesetting
LaTeX, Beamer

Programming
Python, Swift, C, Java

AWARDS AND SCHOLARSHIPS

Latin Honors, Summa Cum Laude, University of Oregon
DeCou Prize, University of Oregon, Mathematics Department
Juilfs Scholarship, University of Oregon, Mathematics Department

June 2023
May 2023
May 2021