

SEBASTIAN CORRY

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EDUCATION

Grinnell College

B.A. in Mathematics

Expected May 2027

Lawrence University

Non-Degree Seeking Student

September 2023 - June 2024

Stanford University

Summer Session Student

June 2023 - August 2023

EXPERIENCE

Linear Algebra Course Mentor

Grinnell College

January 2026 - Present

Grinnell, IA

- Conducted mentor sessions for linear algebra students
- Explained course concepts and answered homework-related questions
- Helped students to develop a deep understanding of linear algebra

Mathematics Student Educational Policy Committee Member

Grinnell College

September 2025 - Present

Grinnell, IA

- Assisted the hiring and review processes for faculty
- Organized math department events
- Represented the interests of the math student body

REU Participant

Baruch College

June 2025 - July 2025

New York City, NY

- Conducted research on stable equivariant Ehrhart theory
- Applied techniques from representation stability
- Gave talks at Baruch and other REUs

Teaching Assistant for AP Calculus BC

Appleton West High School

September 2023 - May 2024

Appleton, WI

- Answered questions and worked one-on-one with students to foster interest in mathematics
- Assisted in writing exams and consulted on course structure
- Delivered lectures on topics including differentiation, parameterization, and sequences & series
- Wrote course notes corresponding to my lectures for the class

RESEARCH

Lattice Points of Highly-Symmetric Families of Polytopes (with Eric Ramos)

In-Preparation

EXPOSITORY WRITING

Symmetries of the Non-Canonical (Galois Correspondence)

June 2025

A Natural Introduction to Linear Algebra (Linear Algebra without Coordinates)

January 2025

TALKS

<i>Geometry by Another Name: An Introduction to Sheaves</i> MASSS at Grinnell College	April 2026
<i>Stable (Equivariant) Ehrhart Theory</i> NCUWM 2026 at University of Nebraska-Lincoln	January 2026
<i>Stable (Equivariant) Ehrhart Theory</i> JMM 2026 in Washington, D.C.	January 2026
<i>Stable (Equivariant) Ehrhart Theory: Lattice Points, Polytopes, & Symmetry</i> MASSS at Grinnell College	September 2025

CONFERENCES

Nebraska Conference for Undergraduate Wisdom in Mathematics	January 2026, Lincoln, NE
Joint Mathematics Meetings	January 2026, Washington, D.C.
SEMF Interdisciplinary School	July 2024, Valencia, Spain

RELEVANT COURSEWORK

Grinnell College: *Algebraic Geometry* (MAT 397), *p-Adic Numbers* (MAT 444), *Fourier Analysis on Number Fields* (MAT 397), *Galois Theory* (MAT 322), *Complex Analysis* (MAT 317), *Foundations of Analysis* (MAT 316), *Differential Equations* (MAT 220)

Lawrence University: *Theory of Computation* (CMSC 515), *Discrete Mathematics* (Math 230), *Complex Sequences & Series* (Math 200)

Stanford University: *Linear Algebra, Multivariable Calculus, and Modern Applications* (Math 51)

SKILLS

Programming Languages	C++, Python, JavaScript
Markup Languages	L ^A T _E X
Natural Languages	French (Conversational)