

# ANDREW FARGO

## Curriculum Vitae

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## Education

**Grinnell College**, Grinnell, IA

Fall 2023–Present

B.S., Mathematics; Cumulative GPA: 4.0.

Coursework includes Complex Analysis, Real Analysis, Abstract Algebra, Number Theory, Linear Algebra, Symbolic Logic, Functional and Object-Oriented Programming, Tone Linguistics, Morphology, German, and Latin.

Conducted an independent study in automata for case-based grammars.

## Research Experience

**Research Assistant**, Grinnell, IA

Summer 2025–Present

Researched the combinatorics of transfer systems under Professor Christy Hazel. Learned fundamentals of category theory and poset combinatorics to produce a novel result. Wrote a paper and poster covering the result.

## Service and Teaching Experience

**Mathematics School Educational Policy Committee**, Grinnell College

Fall 2025–Present

Elected to serve on a committee acting as a liason between faculty and mathematics students. Responsibilities include conducting faculty reviews, attending faculty and college meetings, and planning, budgeting, and executing regular events (such as student seminars, social events, et cetera.)

**Linguistics School Educational Policy Committee**, Grinnell College

Fall 2025–Present

*Idem.*

**Math Lab Tutor**, Grinnell College

Fall 2024–Present

Works weekly drop-in tutoring shifts available for any student in need of assistance with calculus coursework.

**Community Advisor**, Grinnell College

Fall 2024–Spring 2025

Established a self-governing community within my residence hall, created and led events to promote student well-being, referred and supported residents as they managed academic and personal issues, completed administrative tasks as needed.

**Lead Instructor**, iD Tech Camps; Lisle, IL

Summer 2023, 2024

Taught recurring week-long camps to children aged 5-18 on topics including Python, Java, application programming, peer collaboration, and game development, demonstrates leadership and served as a point of contact for other instructors in need of assistance, performs additional administrative responsibilities as needed.

## Awards and Honors

**Dean's List**, Grinnell College

Fall 2023, Fall 2024, Spring 2025

In recognition of high academic achievement at Grinnell College under a full course load/

**FermiLab Science Award**,

Spring 2023

Awarded by Fermilab in recognition of outstanding accomplishments in science at Neuqua Valley High School.

## Professional Affiliations

**Association for Computational Linguistics**,

Spring 2025–Present

**American Mathematical Society**,

Summer 2025–Present

## Publications

**The Categorification of Transfer Systems on Arborescences**, *In preprint*.

Spring 2026

## Presentations

**A Recurrence for Transfer Systems on Arborescences**, Washington, D.C.

Spring 2026

To be presented in the AMS Joint Math Meeting Conference in January 2026.