

# Roman Simkins

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## Education

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**Miami University**, M.S. Mathematics August 2025 - Present

- GPA: 3.67/4.0

**Ohio University**, B.S. Mathematics May 2025

- GPA: 3.525/4.0
- Major GPA: 3.837/4.0

## Teaching

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**Instructor**, Miami University Spring 2026

- MTH151 – Calculus I

**Teaching Assistant**, Miami University Fall 2025

- MTH125 – Precalculus

**Supplemental Instruction Leader**, Ohio University September 2022 – May 2025

- MATH1300 – Precalculus
- Designed 49 worksheets: [link](#)

## Publications

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**Ribbon numbers of 12-crossing knots** September 2024

Xianhao An, Matthew Aronin, David Cates, Ansel Goh, Benjamin Kirn, Josh Krienke, Minyi Liang, Samuel Lowery, Ege Malkoc, Jeffrey Meier, Max Natanson, Veljko Radić, Yavuz Rodoplu, Bhaswati Saha, Evan Scott, *Roman Simkins*, Alexander Zupan.

10.48550/arXiv.2409.12910

## Talks

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**An Introduction to Suslin's Hypothesis** 3 December 2025

- Miami Mathematics Graduate Seminar

**Going Bankrupt at the Infinite Casino** 19 September 2025

- 50th Annual Pi Mu Epsilon Student Conference

**Demonstrating Independence: Forcing for Beginners** 23 April 2025

- Undergraduate final project at Ohio University

**Gödel's Completeness Theorem** April 2024

- Ohio Student Expo - First Prize: Mathematics

## Miscellaneous

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**Miami Graduate Seminar** Fall 2025 – Present

- Organizer & Curator

**Mathematical Olympiad Program - Residential Assistant** June 2024 – July 2024

- Mathematical Association of America
- Carnegie Mellon Campus

**OU Math Club - President/Founder** Spring 2023 – Spring 2025