

# Roman Simkins

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[romansimkins.com](https://romansimkins.com)

## Education

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**Ohio University**, BS in Mathematics Fall 2021 – Spring 2025

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

## Teaching

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**Peer Assisted Learning Leader**, Ohio University Academic Achievement Center May 2022 – Present

- Facilitate twice-weekly sessions to help students improve in precalculus.
- Host exam review sessions to help students review for important tests.
- Design worksheets, presentations, and other resources for student use.
- Work with professors to stay in pace with class material and meet student needs.

## 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

## Projects

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**Ohio Student Expo** April 2024

- Project on Gödel's Completeness Theorem
- Project focused on making the concept and proof of Gödel's Completeness Theorem accessible to both advanced and general audiences
- First Prize - Mathematics

## Other Experience

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

- Maintain a safe and productive environment for students.
- Plan and organize recreational student activities.
- Be a resource for students' physical and emotional needs

**OU Math Club - President** Spring 2023 – Present

- Plan, organize, and preside over meetings.
- Curate events and guest speakers.