

ROMAN SIMKINS

romansimkins.com

EDUCATION

M.S. Mathematics
Miami University

August 2025 – Present

B.S. Mathematics
Ohio University

May 2025

RESEARCH INTERESTS

Set Theory
Mathematical Logic

GRADUATE COURSES TAKEN

Abstract Algebra
Analysis & Measure Theory
Topology & Advanced Topology
Mathematical Logic
Graph Theory

TEACHING

Calculus I
Instructor of Record
Miami University

Fall 2026

Calculus I
Instructor of Record
Miami University

Spring 2026

Precalculus
Teaching Assistant
Miami University

Fall 2025

Precalculus
Supplemental Instruction Leader
Ohio University

Spring 2022 – May 2025

INVITED TALKS & PRESENTATIONS

You have no (axiom of) choice but to come to this talk
51st Annual Pi Mu Epsilon Student Conference

September 2026

An Introduction to Forcing and the Independence of the Continuum Hypothesis
Miami Mathematics Graduate Seminar

March 2026

An Introduction to Suslin's Hypothesis
Miami Mathematics Graduate Seminar

December 2025

Going Bankrupt at the Infinite Casino
50th Annual Pi Mu Epsilon Student Conference

September 2025

Demonstrating Independence: Forcing for Beginners
Undergraduate Final Project

April 2025

Gödel's Completeness Theorem
Ohio Student Expo – First Prize

April 2024

CONFERENCES AND EVENTS

17th Young Set Theory Workshop

Universitat de Barcelona

Barcelona, Spain

September 2026

Workshop on Topology, PCF Theory and the Tukey Order

University of Pittsburgh

Pittsburgh, Pennsylvania

August 2026

PUBLICATION

Ribbon numbers of 12-crossing knots

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

September 2024