

ROMAN SIMKINS



LinkedIn



romansimkins.com

Education

Ohio University

B.S. Mathematics - GPA: 3.53

2025

Athens OH

Work Experience

Supplemental Instruction Leader

September 2022 – May 2025

Ohio University Academic Achievement Center

Athens OH

- Conducted twice-weekly review sessions for up to 40 precalculus students
- Led exam review sessions for groups of more than 100 students
- Developed a WordPress website, improving student access to session materials and study resources
- Designed over 45 unique worksheets and handouts
- Worked with class coordinator and professors to best support students' needs

Mathematical Olympiad Program - Residential Assistant

June 2024

Mathematical Association of America

Carnegie Mellon University

- Assisted students with all residential needs
- Organized social activities for student engagement
- Responded to emergencies and escalate situations as needed
- Provided guidance for students' physical and emotional concerns

Pharmacy Technician

June 2022 – August 2022

Pharmscript

Pittsburgh PA

- Operated automated packaging machinery to prepackage and store patient medications
- Managed daily inventory and processed product orders to ensure medication availability
- Packaged and processed medication shipments twice daily to meet patient needs

Database Assistant

June 2021 – July 2022

Oxford Solutions

Pittsburgh PA

- Developed an automated Excel system to categorize and process company financial data
- Created dynamic Excel spreadsheets to calculate employee commissions and pay rates
- Optimized and maintained Excel formulas, improving accuracy and processing efficiency

Other Experience

Polymath JR.

Summer 2023

- A collaborative mathematical research program for undergraduates
- **Ribbon numbers of 12-crossing knots:** 10.48550/arXiv.2409.12910
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.

OU Math Club President & Founder

March 2023 – May 2025

- Led meetings, managed membership, and organized guest speakers to enhance student engagement

Skills

Mathematics: Calculus, Analysis, Algebra, Logic, Set Theory

Technical Skills: Microsoft Excel, L^AT_EX

Teaching & Communication: Classroom Instruction, Private Tutoring, Public Speaking

Awards

Ohio University Student Expo

April 2024

First Place – Math

- Project on Gödel's Completeness Theorem

Eagle Scout

April 2021

The Boy Scouts of America

- Worked with local historical society to archive and preserve a historic newspaper publication active from 1901-1993