

Mkrtich (Michael) Ohanyan, PhD

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EDUCATION

PhD, Mathematics
Syracuse University

MS, Mathematics
Syracuse University

BS, Mathematics
University of Southern California

EXPERIENCE

Math Tutor
2008 - present

Tutored students individually in SAT math, Algebra 1 and 2, Geometry, Trigonometry, Precalculus, Calculus AB, Calculus BC, Calculus I, II, III (college)

University Instructor
Syracuse University
2013-2021

Taught Calculus I, II, and III to hundreds of university students. Challenged students by using innovative inquiry-based learning methods to teach students in a way that requires them to develop technical proficiency in communication with their peers and find their own solutions. Developed a multimedia teaching approach using LaTeX, Zoom, YouTube, Google Suite, and Blackboard. Taught 2-3 calculus lectures per week and up to one recitation per week. Assigned homework, classwork, and created and graded 3 to 4 exams per semester.

OUTREACH

Treasurer, Association for Women in Mathematics
Syracuse University
2019 - 2020

Collaborated with president to create a space which highlights women in minorities in a male-dominated field. Organized events related to women and minorities in mathematics.

Co-founder, Directed Reading Program
Syracuse University
2018 - 2019

Co-founded the Syracuse University Directed Reading Program, which paired undergraduates with math PhD students to learn upper level mathematics and to do original mathematics research together. Mentored students in mathematics and research. Worked to foster diversity and inclusivity. Encouraged women and minorities to pursue STEM graduate education.

AWARDS

University Fellowship
Syracuse University
Fellowship for excellence in undergraduate mathematics

National Merit Scholarship
University of Southern California
Scholarship for academic achievement