KEVIN ZHOU

CONTACT

Department of Mathematics, Statistics, and Computer Science
University of Illinois at Chicago, Chicago, IL

kzhou23@uic.edu
`https://kevinzhou96.github.io/`

EDUCATION

AUGUST 2024	**Ph.D. in Pure Mathematics** University of Illinois at Chicago Advisor: James Freitag
MAY 2020	**M.S. in Pure Mathematics**
MAY 2018	**B.S. in Matematical Sciences** (with University Honors) Carnegie Mellon University

RESEARCH

INTERESTS

Mathematical logic, model theory, learning theory, combinatorics

PAPERS

2024+	Query learning bounds for advice and nominal automata (submitted)
2024+	Hereditary properties and weighted model counting (in preparation)

INVITED TALKS

APRIL 2024	AMS Central Sectional Meeting | University of Wisconsin-Milwaukee
APRIL 2024	UIC Logic Seminar | University of Illinois Chicago
MARCH 2023	AMS Southeastern Sectional Meeting | Georgia Institute of Technology
OCTOBER 2022	UIC Logic Seminar | University of Illinois Chicago
APRIL 2022	ASL North American Annual Meeting | Cornell University

AWARDS & GRANTS

SPRING 2024	Graduate Student Teaching Award
SPRING 2022	UIC NSF TRIPODS Research Fellow
SUMMER 2019	UIC NSF RTG Pre-doctoral Fellow

FUNDED WORKSHOPS & EVENTS

JULY - AUG 2022	UNIMOD 2022 | University of Leeds
JULY 2019	IMS Graduate Summer School in Logic | National University of Singapore

TEACHING

AT UIC:

As Primary Instructor:

MATH 090 Intermediate Algebra
MATH 090 Intermediate Algebra Summer Enrichment Workshop
MATH 179 Emerging Scholars Program Workshop for Calculus I
MATH 294 Emerging Scholars Program Workshop for Introduction to Advanced Mathematics
MATH 294 Emerging Scholars Program Workshop for Abstract Algebra I

As Teaching Assistant:

MATH 090 Intermediate Algebra
MATH 110 College Algebra
MATH 125 Elementary Linear Algebra
MATH 180 Calculus I
MCS 260 Introduction to Computer Science

As Grader:

MATH 330 Abstract Algebra I

AT CMU:

As Teaching Assistant:

21-127 Concepts of Mathematics
15-251 Great Theoretical Ideas in Computer Science

OTHER:

2019 – 2023	Math Circles of Chicago
Fall 2022	Preliminary Arizona Winter School
	TA, Introduction to model theory with applications
Summers 2022 & 2024	Young Scholars Program at UIC

SERVICE

2024	Mentor, Directed Reading Program at UIC
2023	Co-organizer, 23rd Graduate Student Conference in Logic
2021 – 2024	Co-organizer, UIC Louise Hay Logic Seminar (Graduate Logic Seminar)
2019 – 2020	Secretary, UIC Mathematics Graduate Students' Association
2019	Volunteer Judge, QED Youth Math Symposium, Math Circles of Chicago