KEVIN ZHOU

CONTACT

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

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`https://kevinzhou96.github.io/`

EDUCATION

August 2024	**Ph.D. in Pure Mathematics** University of Illinois at Chicago Advisor: James Freitag
May 2018	**B.S. in Mathematical Sciences** (with University Honors) Carnegie Mellon University

RESEARCH

INTERESTS

Mathematical logic, model theory, learning theory, combinatorics, theoretical computer science

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	TA, Preliminary Arizona Winter School, Introduction to model theory
2022 & 2024	Graduate Student Instructor, 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

OTHER EXPERIENCE

SUMMER 2023	Student Researcher, G-RIPS Sendai
	Project Title: Automated Negotiation for Supply Chain Management
SUMMER 2017	Undergradute Research Assistant, CMU Electrical and Computer Engineering
	Project Title: Cascading Failures in Power Systems
SUMMER 2016	Software Engineering Intern, Baidu Security X-Lab, Baidu USA