

KEVIN ZHOU

CONTACT

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

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EDUCATION

IN PROGRESS	Ph.D. in Mathematics University of Illinois at Chicago Advisor: James Freitag
MAY 2018	B.S. in Mathematics (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)
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TALKS

APRIL 2024	AMS Central Sectional Meeting University of Wisconsin-Milwaukee
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 2022	UIC NSF TRIPODS Research Fellow
SUMMER 2019	UIC NSF RTG Pre-doctoral Fellow

FUNDED WORKSHOPS

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 | Chicago, IL
SUMMER 2022 Young Scholars Program at UIC | Chicago, IL

SERVICE

2024 Mentor, Directed Reading Program at UIC
2023 Co-organizer, 23rd Graduate Student Conference in Logic
2021 – PRESENT 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

PROGRAMMING SKILLS

Python, C/C++, git, \LaTeX , Mathematica