

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 (in preparation)
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TALKS

MARCH 2023	AMS Southeastern Sectional Meeting Georgia Institute of Technology
OCTOBER 2022	UIC Logic Seminar University of Illinois at 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 Workshop¹for 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 – PRESENT Math Circles of Chicago² | Chicago, IL

SERVICE

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, L^AT_EX, Mathematica

¹for more information about the ESP program at UIC, see <https://mcs.uic.edu/undergraduate/esp/>

²a free after-school math program for grades 5-12. For more information, see <https://mathcirclesofchicago.org>