

KEVIN ZHOU

CONTACT

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

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EDUCATION

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| 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

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|-------|---|
| 2024+ | Query learning bounds for advice and nominal automata (submitted) |
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INVITED TALKS

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| 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

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| SPRING 2022 | UIC NSF TRIPODS Research Fellow |
| SUMMER 2019 | UIC NSF RTG Pre-doctoral Fellow |

FUNDED WORKSHOPS & EVENTS

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| 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:

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| 2019 – 2023 | Math Circles of Chicago |
| FALL 2022 | Preliminary Arizona Winter School TA, Introduction to model theory with applications |
| SUMMER 2022 | Young Scholars Program at UIC |

SERVICE

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| 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 |

PROGRAMMING SKILLS

Python, C/C++, git, L^AT_EX, Mathematica