

# KEVIN ZHOU

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## CONTACT

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

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## EDUCATION

IN PROGRESS	<b>Ph.D. in Mathematics</b> University of Illinois at Chicago   Chicago, IL
MAY 2018	<b>B.S. in Mathematics</b> (with University Honors) Carnegie Mellon University   Pittsburgh, PA

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## RESEARCH

INTERESTS	Mathematical logic, model theory, learning theory, combinatorics
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## FUNDED CONFERENCES & WORKSHOPS

JUNE 2020	Algebraic Theory of Differential and Difference Equations, Model Theory and their Applications   UC Berkeley, Berkely, CA ( <i>postponed to Summer 2022</i> )
JULY 2019	IMS Graduate Summer School in Logic   NUS, Singapore
JUNE 2019	Model Theory and Mathematical Logic   UMD, College Park, MD

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## EXPOSITORY TALKS

UIC LOUISE HAY LOGIC SEMINAR (GRADUATE LOGIC SEMINAR):

SEPT 2020	NIP Theories, VC-dimension, and $n$ -dependence
MARCH 2020	Independence in Simple Theories
FEB 2020	An Introduction to Simple Theories
OCT 2019	Ultrafilters and Keisler's Order
SEP 2019	A Crash Course in Algorithmic Randomness
MAR 2019	Amalgamation in AECs
OCT 2018	An Overview of Abstract Elementary Classes

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## TEACHING

AT UIC:

AS PRIMARY INSTRUCTOR:

SPRING 2021	MATH 294 Emerging Scholars Program Workshop for MATH 215 (Introduction to Advanced Mathematics)
FALL 2020	MATH 090 Intermediate Algebra
SUMMER 2020	MATH 090 Intermediate Algebra Summer Enrichment Workshop
SPRING 2020	MATH 179 Emerging Scholars Program Workshop for Calculus I

AS TEACHING ASSISTANT:

FALL 2019	MATH 110 College Algebra
SPRING 2019	MATH 180 Calculus I
FALL 2018	MATH 090 Intermediate Algebra

**AT CMU:**

AS TEACHING ASSISTANT:

2017 – 2018	15-251 Great Theoretical Ideas in Computer Science
FALL 2016	21-127 Concepts of Mathematics

**OTHER:**

2019 – PRESENT	Math Circles of Chicago <sup>1</sup>   Chicago, IL
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**SERVICE**

2019 – 2020	Secretary, UIC Mathematics Graduate Students' Association
2019	Volunteer Judge, QED Youth Math Symposium, Math Circles of Chicago

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**PROGRAMMING SKILLS**

Python, C, SML/NJ, git,  $\text{\LaTeX}$ , Mathematica

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<sup>1</sup>a free after-school math program for grades 5-12. For more information, see <https://mathcirclesofchicago.org>