KAIHAO JING

EDUCATION

University of California, Berkeley *Sept. 2023 - Present*
Ph.D. student in Statistics

University of Science and Technology of China *Sept. 2019-Jun. 2023*
School of the Gifted Young
B.S. in Mathematics and Applied Mathematics (honor)
Advisor: Xinyi Li and Dangzheng Liu

RESEARCH INTERESTS

Probability theory and its interaction with statistical physics, including percolation, spin systems, and random geometry.

AWARDS AND HONORS

Outstanding Undergraduate Thesis, USTC	*Jun. 2023*
Outstanding Undergraduate Award, USTC	*May. 2023*
Guo Moruo Scholarship (top scholarship in USTC)	*Dec. 2022*
Team Bronze Medal of the 13th S.T. Yau College Student Mathematics Contests	*Aug. 2022*

RESEACH

Critical level set percolation for the GFF in $d > 6$: comparison principles and some consequences. Jointly with Shirshendu Ganguly. arXiv:2412.17768

WORKING EXPERIENCE

Graduate Student Instructor, STAT 210B, Theoretical Statistics, UC Berkeley	*2025 Spring*
Graduate Student Instructor, STAT 134, Concepts of Probability, UC Berkeley	*2024 Fall*
Graduate Student Instructor, STAT 134, Concepts of Probability, UC Berkeley	*2024 Spring*
Teaching Assistant, Probability Theory, USTC	*Feb. 2022 - Aug. 2022*