

# Yuzhou Wang

Atlanta GA

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## Education

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**Georgia Institution of Technology**

**Atlanta GA**

*Ph.D. in Mathematics ACO Program*

*Aug 2022- May 2027 Expected*

Research Interest: Combinatorics, Probability, Algorithm

**University of Illinois at Urbana-Champaign**

**Champaign, IL**

*B.Sc in mathematics*

*Aug 2019-May 2021*

Major GPA: 3.96/4.00

## Publications

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- Will Perkins, Yuzhou Wang. On the hardness of finding balanced independent sets in random bipartite graphs. <https://arxiv.org/abs/2307.13921>
- I.Araujo, J. Balogh and Y. Wang. Maximum determinant and permanent of sparse 0-1 matrices. *Linear Algebra and its Applications*

## Research Interests

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Combinatorics, Algorithms, Probability and Machine Learning Theory.

## Awards

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- ARC-ACO Fellowship Spring 2023
- Dean's List College of LAS. Fall 2019, Spring 2020, Fall 2020, Spring 2021
- First Prize Scholarship of Beijing Normal University Spring 2018, Spring 2019
- M Prize in The Mathematical Contest in Modeling Spring 2019

## Talks

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## Teaching

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- Georgia Tech Teaching assistance for Math 1552 Integral calculus. Fall 2023.
- Georgia Tech Teaching assistance for Math 1553 Linear Algebra. Fall 2023.