

Yiran Zhang

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Education

BS, Institute for Interdisciplinary Information, Tsinghua University

2022 - Present

GPA: 3.9/4.0

Publications and Manuscripts

(Authors listed alphabetically for papers marked with *.)

[1]* Kuowen Chen, Jian Li, Yuval Rabani, **Yiran Zhang**. *New Results on a General Class of Minimum Norm Optimization Problems*. In *ICALP '25*.

[2]* Jian Li, Yinchen Liu, **Yiran Zhang**. *Adaptivity Gaps for Stochastic Probing with Subadditive Functions*. In *FOCS '25*.

[3]* Kuowen Chen, Nicole Wein, **Yiran Zhang**. *A Polynomial-Time Algorithm for the Next-to-Shortest Path Problem on Positively Weighted Directed Graphs*. Under review.

[4] **Yiran Zhang**, Weihang Xu, Mo Zhou, Maryam Fazel, Simon Shaolei Du. *Convergence Dynamics of Over-Parameterized Score Matching for a Single Gaussian*. Under review.

Skills

Technical: Python, C/C++, LaTeX, Matlab.

Mathematical: Probability, Measure Theory, Statistics, Linear Algebra, Abstract Algebra, Numerical Analysis.

Awards and Honors

International Mathematical Olympiad: Gold Medal (perfect score) 2022

Yau Mathematical Competition for Undergraduates: Team Merit Award 2024

Academic Excellence Scholarship, Tsinghua University 2024

Yao Award, Tsinghua University: Bronze Medal (top 9 in Yao Class) 2025

Outstanding Innovation Scholarship, Tsinghua University 2025