Jiale Chen

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🖅 My Webpage

Education

2022 – Present **Stanford University**

Ph.D. student in Management Science and Engineering
- Advisor: Aaron Sidford
- Research Focus: Graph Algorithms

2018 – 2022 **Peking University**, *Beijing,* China

B.Sc., Summa Cum Laude in Computer Science and Technology, Minor in Economics

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Visiting and Internship

2021 Summer **Northwestern University**

Research intern advised by Jason Hartline (remote)

2021 Spring **Harvard University**

Research Intern advised by Ariel Procaccia (remote)

Publications

The authors are in alphabetical order. Exceptions are marked with [†].

Conference Publications

2025 **Matching Composition and Efficient Weight Reduction in Dynamic Matching**. To appear in *Proceedings of the 36th ACM-SIAM Symposium on Discrete Algorithms (SODA 2025).* Aaron Bernstein, Jiale Chen, Aditi Dudeja, Zachary Langley, Aaron Sidford and Ta-Wei Tu

2025 **Entropy Regularization and Faster Decremental Matching in General Graphs**. To appear in *Proceedings of the 36th ACM-SIAM Symposium on Discrete Algorithms (SODA 2025).* Jiale Chen, Aaron Sidford, Ta-Wei Tu

2023 **Fair Grading Algorithms for Randomized Exams**. In *Proceedings of the 4th annual Symposium on Foundations of Responsible Computing (FORC 2023).* ***Best Student Paper.*** Jiale Chen, Jason Hartline, Onno Zoeter

2023 **MicroscopeSketch: Accurate Sliding Estimation Using AdaptiveZooming**[†]. In *Proceedings of the 29th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD'23).* Yuhan Wu, Shiqi Jiang, Siyuan Dong, Zheng Zhong, Jiale Chen, Yutong Hu, Tong Yang, Steve Uhlig, Bin Cui

Manuscripts

2021   **Equal Affection or Random Selection: the Quality of Subjective Feedback from a Group Perspective**. *Accepted as a poster by the Twenty-Second ACM Conference on Economics and Computation (EC'21, Contributed Poster Session).* **Jiale Chen**, Yuqing Kong, Yuxuan Lu

Notes

2022   **A Note on Locally Fair Cake-Cutting**. **Jiale Chen**

Academic Talks

2023   **Fair Grading Algorithms for Randomized Exams**
FORC 2023

2021   **Equal Affection or Random Selection: the Quality of Subjective Feedback from a Group Perspective**
Peking University, CS Peer Talk
EC'21, Contributed Poster Session

Selected Scholarships and Awards

2023   **FORC 2023 Best Student Paper Award**

2022   **Lawrence Tang Graduate Fellowship**, *Stanford University*

2022   **Junior Scholar ("未名学士" 称号)**, *Peking University*
The most prestigious award in undergraduate research at Peking University.

2020   **May 4th Scholarship**, *Peking University*

2019 – 2021   **POSCO Scholarship for Asian Universities**

2018 – 2019   **ACM International Collegiate Programming Contest, Regional Contest**
4 Gold Medals (1st place, 1st place, 3rd place, 8th place)

2017   **Chinese National Olympiad in Informatics**
Gold Medal, 2nd place in Winter Camp, 5th place in IOI China Team Selection Competition