

Jiale Chen

Education

2022 – Present **Stanford University**

Ph.D. student in Management Science and Engineering

- Advisor: Aaron Sidford
- Research Focus: Graph Algorithms

2018 – 2022 **Peking University**

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

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 **Stable Matching with Interviews.** In *Proceedings of the 16th Innovations in Theoretical Computer Science conference (ITCS 2025)*. Itai Ashlagi, **Jiale Chen**, Mohammad Roghani and Amin Saberi
- 2025 **Matching Composition and Efficient Weight Reduction in Dynamic Matching.** 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.** 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

Matching Composition and Efficient Weight Reduction in Dynamic Matching

SODA 2025

UC Davis, Reading Group, 2024

Fair Grading Algorithms for Randomized Exams

FORC 2023

Equal Affection or Random Selection: the Quality of Subjective Feedback from a Group Perspective

Peking University, CS Peer Talk, 2021

EC'21, Contributed Poster Session

Services and Professional Activities

External Reviewer

Journals: ACM Transactions on Economics and Computation (TEAC).

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