

Education

- 2022 – now **Management Science and Engineering**, *Stanford University*, Stanford.
Ph.D. student in Operations Research
- 2018 – 2022 **School of Electronics Engineering and Computer Science**, *Peking University*, Beijing.
B.Sc., Summa Cum Laude in Computer Science and Technology, Minor in Economics
GPA 3.87/4.0 (top 1%)

Research Interests

- Graph Algorithms
- Theoretical Modeling in Economics

Visiting and Internship

- 2021 Summer Computer Science, **Northwestern University**, Evanston (Remote).
Research Intern, advised by Jason Hartline.
- 2021 Spring Computer Science, **Harvard University**, Cambridge (Remote).
Research Intern, advised by Ariel Procaccia.

Publications

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

Conference Publications

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

- 2023 **Entropy Regularization and Faster Decremental Matching in General Graphs**. **Jiale Chen**, Aaron Sidford, Ta-Wei Tu.
- 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.**

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.**

2019 **Pacemaker to Merit Student, Peking University.**

2018-2019 **Gold Medal** International Collegiate Programming Contest, Regional Contest.

4 times (1st place, 1st place, 3rd place, 8th place)

2017 **Gold Medal** in Chinese National Olympiad in Informatics.

2nd place in NOI Winter Camp

5th place in IOI China Team Selection Competition