

## 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

## 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 <sup>†</sup>.

### Conference Publications

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<sup>†</sup>.** 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**, *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