

Xiaoyu (Sherry) Chen (陈晓雨)

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EDUCATION

Peking University, Turing Class

2021 – 2025

B.S. in Computer Science, summa cum laude

PUBLICATIONS

- Yecheng Xue*, **Xiaoyu Chen***, Tongyang Li, and Shaofeng H.-C. Jiang. 2023. Near-optimal quantum coresets construction algorithms for clustering. In Proceedings of the 40th International Conference on Machine Learning (ICML'23).

* *Equal contribution*

- **Xiaoyu Chen**, Shaofeng H.-C. Jiang, and Robert Krauthgamer. 2023. Streaming Euclidean Max-Cut: Dimension vs Data Reduction. In Proceedings of the 55th Annual ACM Symposium on Theory of Computing (STOC'23).

- *Alphabetical order*

EMPLOYMENT

Quantitative Researcher at Sixie Capital

June 2025 – Present

- Developed ML models for financial forecasting.

RESEARCH EXPERIENCE

Research Intern at TTIC

Summer 2024

Advised by: Zhiyuan Li

- Worked on theoretical understanding of modern adaptive optimizers

TEACHING EXPERIENCE

Teaching Assistant, Peking University

Fall 2023

for *Discrete Mathematics and Structures* (Instructor: Prof. Tianren Liu)

- An honors course covering advanced topics in the broad areas of set theory & mathematical logic, abstract algebra, combinatorics, and stochastic processes.

HONORS AND AWARDS

- SenseTime Scholarship (25 recipients nationwide, 20000 RMB), 2024
- John Hopcroft Scholarship, 2024
- Huatai Securities Scholarship (about top 5% in the department, 10000 RMB), 2023
- Lingjun Investment Scholarship (about top 5% in the department, 10000 RMB), 2022
- Gold Medal (4th place), ICPC Asia Regional Contest (Kunming), 2022
- Gold Medal (12th place), CCPC Harbin Site, 2021
- Gold Medal (top 50 nationwide), Chinese National Olympiad in Informatics, 2019