

Tianle Jiang

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Research Interests

- Algorithmic Game Theory
- Online Algorithms

Education

2021 – **ACM Honors Class, Zhiyuan College, Shanghai Jiao Tong University,**
Present Shanghai, Major in Computer Science
Selected courses related to TCS:
Probability (95/100), Graph Theory and Combinatorics (97/100), Advanced Algorithms (100/100), Computational Complexity (97/100)

Publications

2024 **Edge Arrival Online Matching: the Power of Free Disposal on Acyclic Graphs, with Yuhao Zhang**
The 20th Conference on Web and Internet Economics (WINE)

Research Experience

2024.7 – **Brown University, Providence**
Present Visiting student hosted by Yu Cheng.
Research projects:

- Communication complexity of graph problems (collaborating with Huacheng Yu and Pachara Sawettamalya).
- Private signaling in routing games.

2023.9 – **Shanghai Jiao Tong University, Shanghai**
Present Advised by Yuhao Zhang.
Research projects:

- Online matching with free disposal.
- Fractional fully online matching (collaborating with Zhihao Gavin Tang).

Honors and Rewards

2024.4 **Finalist, ICPC World Finals 2022**
2024.1 **Gold Medal, 48th ICPC Asia-East Continent Final Contest**
2023.10 **Gold Medal, 2023-2024 ICPC Asia Xi'an Regional Contest**
2023.3 **Gold Medal, 47th ICPC Asia-East Continent Final Contest**

2023.1 **Champion**, *2022-2023 ICPC Asia Honkong Regional Contest*
2022.12 **Gold Medal**, *2022-2023 ICPC Asia Hangzhou Regional Contest*
2022.7 **Gold Medal**, *46th ICPC Asia-East Continent Final Contest*
2021.12 **Gold Medal**, *2021-2022 ICPC Asia Nanjing Regional Contest*
2021.11 **Gold Medal**, *2021-2022 ICPC Asia Shenyang Regional Contest*
2022,2023 **Zhiyuan Honorary Scholarship**

Skills

TOEFL, 110 (Speaking 24, Writing 27)