

Tianle Jiang

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🌐 relyt871.github.io

Research Interests

- Algorithmic Game Theory
- Computational Social Choice
- Online Algorithms
- Approximation Algorithms

Education

2021 – **B.S. in Computer Science, ACM Honors Class, Zhiyuan College,**
Present *Shanghai Jiao Tong University, Shanghai*
Selected course grades:
Advanced Algorithms (100/100), Graph Theory and Combinatorics (97/100),
Computational Complexity (97/100), Probability (95/100).

Publications

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

Research Experience

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

- Communication complexity of graph problems (with Prof. Yu Cheng and Prof. Huacheng Yu).
- Private signaling in routing games (with Prof. Yu Cheng).

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

- Online matching with free disposal (with Prof. Yuhao Zhang).
- Fractional fully online matching (with Prof. Yuhao Zhang and Prof. Zhihao Gavin Tang).

Honors and Rewards

2024.4 **Finalist, ICPC World Finals 2022**

- 2024.1 **Gold Medal**, *ICPC Asia-East Continent Final Contest*
Ranked 11th out of 319 teams.
- 2023.10 **Gold Medal**, *ICPC Asia Xi'an Regional Contest*
Ranked 4th out of 379 teams.
- 2023.3 **Gold Medal**, *Asia-East Continent Final Contest*
Ranked 11th out of 281 teams.
- 2023.1 **Champion**, *ICPC Asia Hong Kong Regional Contest*
Ranked 1st out of 115 teams.
- 2022.12 **Gold Medal**, *ICPC Asia Hangzhou Regional Contest*
Ranked 4th out of 544 teams.
- 2022.7 **Gold Medal**, *ICPC Asia-East Continent Final Contest*
Ranked 28th out of 356 teams.
- 2021.12 **Gold Medal**, *ICPC Asia Nanjing Regional Contest*
Ranked 7th out of 638 teams.
- 2021.11 **Gold Medal**, *ICPC Asia Shenyang Regional Contest*
Ranked 5th out of 575 teams.
- 2022, 2023 **Zhiyuan Honorary Scholarship**
5% among CS students each year.

Skills

TOEFL, 110 (Speaking 24, Writing 27)