

YIXUAN (EVEN) XU

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Carnegie Mellon University • Pittsburgh • USA • Last Update: July 8, 2024

EDUCATION

Tsinghua University, Beijing, China

2020.09 – 2024.06

Bachelors of Engineering in Computer Science (Yao Class)

- GPA: 4.0/4.0
- Ranked 1st out of 77 students in Yao Class
- Selected coursework: Algorithm Design A+, Game Theory A+, Theory of Computation A+

PUBLICATIONS AND ACCEPTED PAPERS

Bidder Selection Problem in Position Auctions:

A Fast and Simple Algorithm via Poisson Approximation

Nick Gravin*, **Yixuan Even Xu***, and Renfei Zhou*. In *Proc. WWW*, 2024.

Selected for **Oral Presentation**.

Learning Coalition Structures with Games

Yixuan Even Xu, Chun Kai Ling, and Fei Fang. In *Proc. AAAI*, 2024.

Non-excludable Bilateral Trade between Groups

Yixuan Even Xu, Hanrui Zhang, and Vincent Conitzer. In *Proc. AAAI*, 2024.

A One-Size-Fits-All Approach to Improving Randomness in Paper Assignment

Yixuan Even Xu, Steven Jecmen, Zimeng Song, and Fei Fang. In *Proc. NeurIPS*, 2023.

Selected for **Spotlight Presentation**. **Deployed in NeurIPS 2024**.

On the Perturbation Function of Ranking and Balance for Weighted Online Bipartite Matching

Jingxun Liang*, Zhihao Gavin Tang*, **Yixuan Even Xu***, Yuhao Zhang*, and Renfei Zhou*. In *Proc. ESA*, 2023.

MANUSCRIPTS

• **Aggregating Quantitative Relative Judgements:**

From Social Choice to Interpretable Ranking Prediction

Yixuan Even Xu, Hanrui Zhang, Yu Cheng, and Vincent Conitzer.

• **Deviate or Not: Learning Coalition Structures with Multiple-bit Observations in Games**

Yixuan Even Xu, Zhe Feng, and Fei Fang.

HONORS AND AWARDS (SELECTED)

• **Outstanding Graduate of Beijing**

2024.06

Awarded to 5% graduates in Beijing

• **Outstanding Graduate of Tsinghua University**

2024.06

Awarded to 2% graduates in Tsinghua University

• **Yao Award (Silver Medal)**

2023.09

Awarded to 3 students in Yao Class in 2023

• **Wang Dazhong Scholarship**

2023.09

Awarded to 1 student per department in Tsinghua University in 2023

• **Jiang Nanxiang Scholarship**

2022.10

Awarded to 1 student per department in Tsinghua University in 2022

- **National Scholarship of China** 2021.10
Awarded to 0.2% students in China in 2021
- **Huaying Scholarship** 2020.09
Awarded to around 20 students in Changzhou, China in 2020

COMPETITIVE PROGRAMMING (SELECTED)

- **ICPC World Finals, Bronze Medal** 2024.04
Ranked 10th with teammates Sunli Chen and Junzhao Yang
- **ICPC Asia-East Continent Final Contest, Second Place** 2022.07
Ranked 3rd with teammates Sunli Chen and Junzhao Yang
- **ICPC Asia Kunming Regional Contest, First Place** 2022.04
Ranked 1st with teammates Sunli Chen and Junzhao Yang
- **CCPC National Final, Gold Award** 2022.04
Ranked 3rd with teammates Binwei Yan and Renfei Zhou
- **ICPC Beijing Xiaomi Invitational Contest, First Place** 2020.11
Ranked 1st with teammates Sunli Chen and Junzhao Yang
- **National Olympiad in Informatics, Gold Medal** 2019.07
Ranked 8th in China
- **Asia-Pacific Informatics Olympiad, International Gold Medal** 2018.05
Ranked 7th in Asia Pacific
- **China Team Selection Competition, Gold Award** 2018.05
Ranked 11th in China
- **CCF NOI Winter Camp, Gold Award** 2017.02
Ranked 27th in China

SERVICE

- **Yao Class Research Seminar** Fall 2023 – Spring 2024
Host with co-organizers Renfei Zhou, Kaiyue Wen, Jingxun Liang, Zhaokai Pan, and Jiahong Shen
- **Design and Analysis of Algorithms (Tsinghua University)** Fall 2023
Teaching assistant (Instructor: Ran Duan)
- **Drop-in Tutoring for STEM Courses of Tsinghua University** Spring 2022 – Fall 2023
Volunteer with over 100 hours of tutoring

RESEARCH INTERNSHIPS

- **Carnegie Mellon University** 2023.02 – 2023.09
Research intern advised by Fei Fang and Vincent Conitzer
- **Beijing Academy of Artificial Intelligence** 2021.04 – 2021.09
Research intern advised by Yang Yuan

PROFESSIONAL INTERNSHIPS

- **Wizard Quant** 2024.01 – 2024.01
Quantitative research intern on future trading, ranked 1st out of 9 interns

SKILLS

- **Programming Languages:** C & C++, Python, LaTeX, Matlab
- **Community Engagement:** 132.5 hours of officially recorded volunteering work at Tsinghua University
- **Hobbies:** Guitar Playing (Level 10 Amateur), Writing, Singing, Competitive Programming
- **Languages:** Chinese (Native), English (Fluent, TOEFL 114, GRE 336 + 5)

HONORS AND AWARDS (OTHER)

- | | |
|---|---------|
| • Outstanding Graduate of IIIS
Awarded to 20% graduates in Yao Class | 2024.06 |
| • CCF Outstanding Undergraduate
Awarded to around 100 students in China in 2023 | 2023.09 |
| • Four-star Zijing Volunteer of Tsinghua University
Awarded to students with over 120 hours of volunteering work in Tsinghua University | 2023.05 |
| • Tsinghua Xuetang Talents Program Scholarship
Awarded to students within the Tsinghua Xuetang Talents Program | 2020.10 |
| • Second-class Freshman Scholarship of Tsinghua University
Awarded to freshmen with outstanding academic competition performance in high school | 2020.10 |

COMPETITIVE PROGRAMMING (OTHER)

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|---|---------|
| • CCPC Weihai Regional Contest, Third Place
Ranked 3rd with teammates Sunli Chen and Junzhao Yang | 2022.11 |
| • Meituan Programming Contest, Third Prize
Ranked 13th with teammates Sunli Chen and Junzhao Yang | 2021.07 |
| • THU Student Programming Contest, Gold Award
Ranked 4th with teammates Sunli Chen and Ziqian Zhong | 2021.05 |
| • ICPC Asia Shanghai Regional Contest, Gold Award
Ranked 3rd with teammates Sunli Chen and Junzhao Yang | 2020.12 |
| • Asia-Pacific Informatics Olympiad, Gold Medal
Ranked 38th in China | 2019.05 |
| • National Olympiad in Informatics, Gold Medal
Ranked 25th in China | 2018.07 |
| • CCF NOI Winter Camp, Gold Award
Ranked 57th in China | 2018.02 |
| • National Olympiad in Informatics, Silver Medal
Ranked 83rd in China | 2017.07 |
| • Asia-Pacific Informatics Olympiad, Gold Medal
Ranked 43rd in China | 2017.05 |
| • China Team Selection Competition, Silver Award
Ranked 136th in China | 2017.05 |
| • Asia-Pacific Informatics Olympiad, Silver Medal
Ranked 88th in China | 2016.05 |