

# YIXUAN (EVEN) XU

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Tsinghua University • Beijing • China • Last Update: March 30, 2024

## EDUCATION

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**Tsinghua University, Beijing, China**

2020.09 – Present

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

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**Bidder Selection Problem in Position Auctions:**

**A Fast and Simple Algorithm via Poisson Approximation**

Nick Gravin\*, **Yixuan Even Xu\***, and Renfei Zhou\*. To appear in *Proc. WWW*, 2024.

Selected for **Oral Presentation**.

**Learning Coalition Structures with Games**

**Yixuan Even Xu**, Chun Kai Ling, and Fei Fang. To appear in *Proc. AAAI*, 2024.

**Non-excludable Bilateral Trade between Groups**

**Yixuan Even Xu**, Hanrui Zhang, and Vincent Conitzer. To appear 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**.

**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

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• **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)

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• **National Scholarship of China** 2021.10

Awarded to 0.2% students in China in 2021

• **Jiang Nanxiang Scholarship** 2022.10

Awarded to 1 student per department in Tsinghua University in 2022

• **Wang Dazhong Scholarship** 2023.09

Awarded to 1 student per department in Tsinghua University in 2023

• **Yao Award (Silver Medal)** 2023.09

Awarded to 3 students in Yao Class in 2023

• **Huaying Scholarship** 2020.09

Awarded to around 20 students in Changzhou, China in 2020

## COMPETITIVE PROGRAMMING (SELECTED)

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- **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 3st 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

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- **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

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- **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

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

## SKILLS

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- **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)

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- **CCF Outstanding Undergraduate** 2023.09  
Awarded to around 100 students in China in 2023
- **Four-star Zijing Volunteer of Tsinghua University** 2023.05  
Awarded to students with over 120 hours of volunteering work in Tsinghua University
- **Tsinghua Xuetao Talents Program Scholarship** 2020.10  
Awarded to students within the Tsinghua Xuetao Talents Program
- **Second-class Freshman Scholarship of Tsinghua University** 2020.10  
Awarded to freshmen with outstanding academic competition performance in high school

## COMPETITIVE PROGRAMMING (OTHER)

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