

YIXUAN (EVEN) XU

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GHC 7203 · Carnegie Mellon University · Pittsburgh · USA · Last Update: November 25, 2025

EDUCATION

Carnegie Mellon University, Pittsburgh, USA

2024.08 – Present

Ph.D. in Computer Science (Advisors: Zico Kolter and Fei Fang)

Tsinghua University, Beijing, China

2020.09 – 2024.06

Bachelors of Engineering in Computer Science (Yao Class), GPA: 4.0/4.0 (1/77)

MANUSCRIPTS

Not All Rollouts are Useful: Down-Sampling Rollouts in LLM Reinforcement Learning

Yixuan Even Xu*, Yash Savani*, Fei Fang, J. Zico Kolter. Under review.

Talk invited at Bosch Research Pittsburgh.

Existing LLM Unlearning Evaluations Are Inconclusive

Zhili Feng*, Yixuan Even Xu*, Alexander Robey, Robert Kirk,

Xander Davies, Yarin Gal, Avi Schwarzschild, J. Zico Kolter. Under review.

PUBLICATIONS AND ACCEPTED PAPERS

Antidistillation Sampling

Yash Savani, Asher Trockman, Zhili Feng, Yixuan Even Xu,

Avi Schwarzschild, Alexander Robey, Marc Anton Finzi, J. Zico Kolter. In *NeurIPS*, 2025.

Talk invited at OpenAI, Google and Simons Institute.

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

Yixuan Even Xu, Zhe Feng, and Fei Fang. In *AAAI*, 2025.

Improving Community-Participated Patrol for Anti-Poaching

Yufei Wu, Yixuan Even Xu, Xuming Zhang, Duo Liu, Shibing Zhu, and Fei Fang. In *AAAI*, 2025.

Selected for **Oral Presentation**.

Aggregating Quantitative Relative Judgments: From Social Choice to Ranking Prediction

Yixuan Even Xu, Hanrui Zhang, Yu Cheng, and Vincent Conitzer. In *NeurIPS*, 2024.

Bidder Selection Problem in Position Auctions:

A Fast and Simple Algorithm via Poisson Approximation

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

Selected for **Oral Presentation**.

Learning Coalition Structures with Games

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

Non-excludable Bilateral Trade between Groups

Yixuan Even Xu, Hanrui Zhang, and Vincent Conitzer. In *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 *NeurIPS*, 2023.

Selected for **Spotlight Presentation**.

Deployed in NeurIPS 2024 and 2025. Covered by NeurIPS conference blog.

Subsequent work deployed in **AAAI 2026** and **AAMAS 2026**.

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 *ESA*, 2023.

WORKSHOP PAPERS

Evaluating LLM Memorization Using Soft Token Sparsity

Zhili Feng*, Yixuan Even Xu*, Alexander Robey, Avi Schwarzschild, J. Zico Kolter. In *ICLR 2024 SLLM Workshop*.

INVITED TALKS

- **Not All Rollouts are Useful: Down-Sampling Rollouts in LLM Reinforcement Learning** 2025.11
Invited talk at International Seminar on Foundational Artificial Intelligence.
- **Not All Rollouts are Useful: Down-Sampling Rollouts in LLM Reinforcement Learning** 2025.07
Invited talk at Bosch Research Pittsburgh.

HONORS AND AWARDS (SELECTED)

- **Huaying Deben Fellowship** 2024.08
Awarded to 3 students in Changzhou, China in 2024
- **Outstanding Graduate of Beijing** 2024.06
Awarded to 5% graduates in Beijing
- **Valedictorian of Yao Class** 2024.06
Honored to talk at the Yao Class Commencement
- **Yao Award (Silver Medal)** 2023.09
Awarded to 3 students in Yao Class in 2023
- **National Scholarship of China** 2021.10
Awarded to 0.2% students in China in 2021
- **Huaying Fellowship** 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 North America Championship, Silver Medal** 2025.05
Ranked 2nd with teammates Shiyuan Feng and Junzhao Yang
- **ICPC Asia-East Continent Final Contest, Second Place** 2022.07
Ranked 3rd with teammates Sunli Chen and Junzhao Yang
- **CCPC National Final, Gold Award** 2022.04
Ranked 3rd with teammates Binwei Yan and Renfei Zhou
- **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

TEACHING

- **Design and Analysis of Algorithms (Tsinghua University)** Fall 2023
Teaching assistant (Instructor: Ran Duan)

SERVICE

- **Conference Reviewing**
AAAI (2025), ICLR (2025, 2026), ICML (2025), NeurIPS (2024, 2025)
- **Yao Class Research Seminar** Fall 2023 – Spring 2024
Host with co-organizers Renfei Zhou, Kaiyue Wen, Jingxun Liang, Zhaokai Pan, and Jiahong Shen
- **Drop-in Tutoring for STEM Courses of Tsinghua University** Spring 2022 – Fall 2023
Volunteer with over 100 hours of tutoring

PROFESSIONAL EXPERIENCE

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

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 Tsinghua University** 2024.06
Awarded to 2% graduates in Tsinghua University
- **Outstanding Graduate of IIIS** 2024.06
Awarded to 20% graduates in Yao Class
- **Wang Dazhong Scholarship** 2023.09
Awarded to 1 student per department in Tsinghua University in 2023
- **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
- **Jiang Nanxiang Scholarship** 2022.10
Awarded to 1 student per department in Tsinghua University in 2022
- **Tsinghua Xuetang Talents Program Scholarship** 2020.10
Awarded to students within the Tsinghua Xuetang 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)

- **ICPC World Finals, High Honor** 2025.09
Ranked 19th with teammates Shiyuan Feng and Junzhao Yang
- **ICPC East Central NA Regional Contest, First Place** 2024.11
Ranked 1st with teammates Shiyuan Feng and Junzhao Yang
- **CCPC Weihai Regional Contest, Third Place** 2022.11
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
- **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
- **ICPC Beijing Xiaomi Invitational Contest, First Place** 2020.11
Ranked 1st 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
- **China Team Selection Competition, Gold Award** 2018.05
Ranked 11th 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
- **CCF NOI Winter Camp, Gold Award** 2017.02
Ranked 27th in China
- **Asia-Pacific Informatics Olympiad, Silver Medal** 2016.05
Ranked 88th in China