

Yue Lin



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EDUCATION & EXPERIENCE

- **The Chinese University of Hong Kong, Shenzhen** Shenzhen, China
PhD Student - School of Data Science 2024.8 - Present
Research Interests: Multi-Agent Reinforcement Learning, Information Design.
- **Tencent** Shenzhen, China
Research Intern - Lightspeed Studios 2025.12 - Present
- **The Chinese University of Hong Kong, Shenzhen** Shenzhen, China
Research Assistant - School of Data Science 2022.2 - 2024.8
- **Tianjin Polytechnic University** Tianjin, China
Bachelor of Engineering - Computer Science and Technology 2018.9 - 2022.6
 - **School of Computer Science and Technology** 2019.9 - 2022.6
GPA: 3.89/4 (92.2/100) Rank: 1/127
 - **School of Mechanical Engineering** 2018.9 - 2019.6
GPA: 3.90/4 (92.0/100) Rank: 1/60

PUBLICATIONS & PREPRINTS

- Information Design in Multi-Agent Reinforcement Learning.
Yue Lin, Wenhao Li, Hongyuan Zha, Baoxiang Wang.
Neural Information Processing Systems (NeurIPS) 2023.
 - Poster. This is currently my most representative work.
 - Sources: [Paper], [Code], [Blog], [Talk].
 - Area: Data Science × Game Theory
- Verbalized Bayesian Persuasion.
Wenhao Li, **Yue Lin**, Xiangfeng Wang, Bo Jin, Hongyuan Zha, Baoxiang Wang.
International Conference on Machine Learning (ICML) 2026.
 - Sources: [Paper].
 - Area: Data Science × Game Theory
- Policy-Conditioned Policies for Multi-Agent Task Solving.
Yue Lin, Shuhui Zhu, Wenhao Li, Dan Qiao, Ang Li, Pascal Poupart, Hongyuan Zha, Baoxiang Wang.
arXiv preprint.
 - Sources: [Manuscript].
 - Area: Data Science × Game Theory
- The Reciprocity Gradient.
Yue Lin, Pascal Poupart, Shuhui Zhu, Dan Qiao, Wenhao Li, Yuan Liu, Hongyuan Zha, Baoxiang Wang.
arXiv preprint.
 - Sources: [Manuscript].
 - Area: Data Science × Social Science × Game Theory
- Talk, Judge, Cooperate: Gossip-Driven Indirect Reciprocity in Self-Interested LLM Agents.
Shuhui Zhu, **Yue Lin**, Shriya Kaistha, Wenhao Li, Baoxiang Wang, Hongyuan Zha, Gillian K Hadfield, Pascal Poupart.
International Conference on Machine Learning (ICML) 2026.
 - Sources: [Paper], [Code].
 - Area: Data Science × Social Science × Game Theory
- Information Bargaining: Bilateral Commitment in Bayesian Persuasion.
Yue Lin, Shuhui Zhu, William A Cunningham, Wenhao Li, Pascal Poupart, Hongyuan Zha, Baoxiang Wang.
EC 2025 Workshop: Information Economics and Large Language Models.
 - Sources: [Paper], [Code].
 - Area: Game Theory × Data Science

- Innovative Design and Simulation of a Transformable Robot with Flexibility and Versatility, RHex-T3.
Yue Lin, Yujia Tian, Yongjiang Xue, Shujun Han, Huaiyu Zhang, Wenxin Lai, Xuan Xiao.
International Conference on Robotics and Automation (ICRA) 2021.
 - Oral. Delivered a presentation at the Xi'an conference venue.
 - Sources: [Paper], [Blog].
 - Area: Robotics
- A snake-inspired path planning algorithm based on reinforcement learning and self-motion for hyper-redundant manipulators.
Yue Lin, Jianming Wang, Xuan Xiao, Ji Qu, Fatao Qin.
International Journal of Advanced Robotic Systems (IJARS) 2022.
 - Sources: [Paper], [Code], [Blog].
 - Area: Robotics

PATENTS

- Communication Method, Terminal Device, and Storage Medium for Multi-Agent Reinforcement Learning.
Yue Lin, Wenhao Li, Hongyuan Zha, Baoxiang Wang.
Chinese Invention Patent.
No. ZL 2023 1 0397744.0 (Grant No. CN 116455754 B), Granted Sep. 2025.

PROFESSIONAL SERVICES

- NeurIPS 2025 Top Reviewer
- ICML 2026 Silver Reviewer
- Independent reviewer for top-tier venues:
 - NeurIPS 2024 [6; 45615]; 2025 [5; 32912]; 2026 [0]
 - ICLR 2025 [3; 21831]; 2026 [1; 5994]
 - ICML 2025 [6; 32893]; 2026 [6; 43185]
 - TMLR 2025 [2; 38363]; 2026 [2; 10331]
- Volunteer:
 - AAMAS 2024 [3, 9876], 2025 [2, 4792], 2026 [2, 2303]
 - ICML (Position) 2025 [2, 5016]
- Numbers in brackets indicate the number of manuscripts reviewed and the character count of all reviews, respectively. Total reviews: 40.
- Served as a teaching assistant for a postgraduate course on Artificial Intelligence.