CANZHE ZHAO PH.D.

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EDUCATION

Shanghai Jiao Tong University

Shanghai, China

Ph.D. in Computer Science and Engineering

2021–2026 (expected)

▷ Advisor: Prof. Shuai Li

Shandong University

Jinan, China

B.Eng. in Software Engineering

2017-2021

▷ GPA: 4.73/5.0, ranking: 2/342.

PUBLICATIONS

1. Learning Imperfect Information Extensive-form Games with Last-iterate Convergence under Bandit Feedback.

Canzhe Zhao, Yutian Cheng, Jing Dong, Baoxiang Wang, Shuai Li. ICML, 2025.

2. Towards Provably Efficient Learning of Imperfect Information Extensive-Form Games with Linear Function Approximation.

Canzhe Zhao, Shuze Chen, Weiming Liu, Haobo Fu, QIANG FU, Shuai Li. UAI, 2025.

3. Logarithmic Regret for Linear Markov Decision Processes with Adversarial Corruptions. Canzhe Zhao, XiangCheng Zhang, Baoxiang Wang, and Shuai Li. AAAI (Oral), 2025.

4. Learning Adversarial Low-rank Markov Decision Processes with Unknown Transition and Full-information Feedback.

Canzhe Zhao, Ruofeng Yang, Baoxiang Wang, Xuezhou Zhang and Shuai Li. NeurIPS, 2023.

5. Best-of-three-worlds analysis for linear bandits with follow-the-regularized-leader algorithm.

Fang Kong, Canzhe Zhao, and Shuai Li. COLT, 2023.

6. DPMAC: Differentially private communication for cooperative multi-agent reinforcement

Canzhe Zhao*, Yanjie Ze*, Jing Dong, Baoxiang Wang, and Shuai Li. IJCAI, 2023.

7. Learning Adversarial Linear Mixture Markov Decision Processes with Bandit Feedback and Unknown Transition.

Canzhe Zhao*, Ruofeng Yang, Baoxiang Wang and Shuai Li. ICLR, 2023.

8. Clustering of Conversational Bandits with Posterior Sampling for User Preference Learning and Elicitation.

Qizhi Li*, Canzhe Zhao*, Tong Yu, Junda Wu and Shuai Li. UMUAI, 2023.

9. Differentially private temporal difference learning with stochastic nonconvex-stronglyconcave optimization.

Canzhe Zhao, Yanjie Ze, Jing Dong, Baoxiang Wang, and Shuai Li. WSDM, 2023.

10. Knowledge-aware conversational preference elicitation with bandit feedback. Canzhe Zhao, Tong Yu, Zhihui Xie, and Shuai Li. WWW, 2022.

11. Simultaneously learning stochastic and adversarial bandits under the position-based model. Cheng Chen, Canzhe Zhao, and Shuai Li. AAAI, 2022.

12. Clustering of conversational bandits for user preference learning and elicitation. Junda Wu*, Canzhe Zhao*, Tong Yu, Jingyang Li, and Shuai Li. CIKM, 2021.

SIGIR, 2021. INTERNSHIPS Department of Mathematics, National University of Singapore Singapore Host(s): Prof. Vincent Y. F. Tan Jun. 2025-Dec. 2025 RIKEN Center for Advanced Intelligence Project (AIP) Tokyo, Japan Sept. 2024-Jan. 2025 Host(s): Prof. Shinji Ito Tencent AI Lab Shenzhen, China Host(s): Weiming Liu, Haobo Fu Jun. 2023-Sept. 2023 School of Data Science, The Chinese University of Hong Kong Shenzhen, China Host(s): Prof. Baoxiang Wang Feb. 2023-May 2023 **CONTESTS** Huatai Securities Scholarship, Shanghai Jiao Tong University Dec. 2022 AND The First Prize, The Third Doctoral Academic Forum of John Hopcroft Center Dec. 2022 **AWARDS** Silver Medal (Top 6%), Kaggle Santa 2020 - The Candy Cane Contest Jan. 2021 Bronze Medal, The 2019 ACM-ICPC Asia Regional Contest Oct. 2019 Weichai Power Scholarship, Shandong University Oct. 2019 Silver Medal, The 2019 ACM-ICPC China Shandong Provincial Contest May 2019 Huawei Scholarship, Shandong University Oct. 2018 **TALKS** Tutorial for Theoretical Foundations for Markov Games, AAMAS 2025 May 2025 ICLR (2023-) ACADEMIC Reviewer for NeurIPS (2021-) ICML (2021-) **SERVICES** AISTATS (2023-) UAI (2021-2023) ALT (2024) AAMAS (2021–2022) JSAIT (2021) TNNLS (2023) **TEACHING** CS 3317: Artificial Intelligence Shanghai Jiao Tong University **EXPERIENCES** Teaching Assistant Spring 2025 AI 3601: Reinforcement Learning Shanghai Jiao Tong University Teaching Assistant Spring 2023

13. Comparison-based conversational recommender system with relative bandit feedback.

Zhihui Xie, Tong Yu, Canzhe Zhao, and Shuai Li.

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Fall 2022

Fall 2021

CS 2601: Linear and Convex Optimization

Teaching Assistant

Teaching Assistant

CS 410: Artificial Intelligence