CANZHE ZHAO Ph.D.

canzhezhao@sjtu.com
https://canvolcano.github.io/

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 learning.
   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-strongly-concave 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.

13. Comparison-based conversational recommender system with relative bandit feedback.
Zhihui Xie, Tong Yu, **Canzhe Zhao,** and Shuai Li.
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
Host(s): Prof. Shinji Ito   Sept. 2024–Jan. 2025

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) Shenzhen, China
Host(s): Prof. Baoxiang Wang   Feb. 2023–May 2023

CONTESTS AND AWARDS

Huatai Securities Scholarship, Shanghai Jiao Tong University   Dec. 2022
The First Prize, The Third Doctoral Academic Forum of John Hopcroft Center   Dec. 2022
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

ACADEMIC SERVICES

Reviewer for	NeurIPS (2021–)	ICML (2021–)	ICLR (2023–)
	AISTATS (2023–)	UAI (2021–2023)	ALT (2024)
	AAMAS (2021–2022)	JSAIT (2021)	TNNLS (2023)

TEACHING EXPERIENCES

CS 3317: Artificial Intelligence   Shanghai Jiao Tong University
Teaching Assistant   Spring 2025

AI 3601: Reinforcement Learning   Shanghai Jiao Tong University
Teaching Assistant   Spring 2023

CS 2601: Linear and Convex Optimization   Shanghai Jiao Tong University
Teaching Assistant   Fall 2022

CS 410: Artificial Intelligence   Shanghai Jiao Tong University
Teaching Assistant   Fall 2021