Shuqing Shi

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EDUCATION

King's College London **Sep 2023 – Present**
PhD in Computer Science *London, UK*

University of Electronic Science and Technology of China (UESTC) **Sep 2020 – Sep 2023**
MSc in Computer Science GPA: 3.5/4.0 *Chengdu, China*

University of Electronic Science and Technology of China (UESTC) **Sep 2016 – Jul 2020**
BEng in Electrical and Electronic Engineering GPA: 3.8/4.0 *Chengdu, China*

RESEARCH AREAS

- MARL
- Cooperative Game Theory
- Causal Inference

PUBLICATIONS

Preprints

1. Resolving Complex Social Dilemmas by Aligning Preferences with Counterfactual Regret
   Under Review
   Shuqing Shi, Yudi Zhang, Joel Z. Leibo, Yali Du

Refereed Conference Publications

1. BRIDGE: Bi-level Reinforcement Learning for Dynamic Group Structure in Coalition Formation Games
   Shuqing Shi, Nam Phuong Tran, Hao Liang, Debmalya Mandal, Long Tran-Thanh, Yali Du *ICLR* 2026

2. SocialJax: An Evaluation Suite for Multi-agent Reinforcement Learning in Sequential Social Dilemmas
   Zihao Guo*, **Shuqing Shi***, Richard Willis, Tristan Tomilin, Joel Z. Leibo, Yali Du *ICLR* 2026

3. Causality Meets Locality: Provably Generalizable and Scalable Policy Learning for Networked Systems
   NeurIPS 2025
   (Spotlight, Top 3%)
   Hao Liang*, **Shuqing Shi***, Yudi Zhang, Biwei Huang, Yali Du

4. Evaluating Generalization Capabilities of LLM-Based Agents in Mixed-Motive Scenarios Using Concordia
   NeurIPS Datasets & Benchmarks Track 2025
   Chandler Smith. et al., **Shuqing Shi**. et al,

5. Learning the expected core of strictly convex stochastic cooperative games *NeurIPS* 2024
   Nam P Tran, **Shuqing Shi**, Debmalya Mandal, Yali Du, Long Tran-Thanh

6. Solving poker games efficiently: Adaptive memory based deep counterfactual regret minimization *IJCNN* 2022
   Shuqing Shi, Xiaobin Wang, Dong Hao, Zhiyou Yang, Hong Qu

EXPERIENCE

- **The Chinese University of Hong Kong, Shenzhen** *Feb 2023 – Jul 2023*
  Research Assistant Shenzhen, China
  - Worked under the supervision of Prof. Guiliang Liu in the Reinforcement Learning and Applications group.
  - Focused on counterfactual policy evaluation under out-of-distribution (OOD) shifts. By intervening on the action-value function in factorized spaces, achieved more accurate estimation on OOD samples.

- **Mohamed bin Zayed University of Artificial Intelligence (MBZUAI)** *Dec 2022 – Feb 2023*
  Visiting Student Abu Dhabi, UAE
  - Worked under the supervision of Prof. Zhiqiang Xu.
  - Studied an online RL setting with reward-weighted methods to reweight policy distributions, thereby enabling efficient discovery of globally optimal policy distributions.

AWARDS

- NeurIPS 2025 Spotlight (**Top 3%**) Sep 2025
- NeurIPS 2025 Top Reviewer (**Top 8–10%**) Oct 2025
- Outstanding Student Scholarship (UESTC) Oct 2020
- Outstanding Student Scholarship (UESTC) Oct 2018
- Outstanding Student Scholarship (UESTC) Oct 2017

ACADEMIC SERVICES

- Reviewer: NeurIPS 2025; ICLR 2026
- Program Committee: 7th Distributed AI Conference (DAI 2025)