Qian Lin

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Education

Sun Yat-sen University   Guangzhou, China
M.S. in Computer Science   2022–2024(expected)
Supervisor: Prof. Chao Yu
Research Interest: reinforcement learning under offline, constraint or multi-objective setting

Sun Yat-sen University   Guangzhou, China
B.S. in Computer Science, GPA: 3.9/4.0   2018–2022

Publications

1. Zifan Wu, Bo Tang*, **Qian Lin***, Chao Yu, Shangqin Mao, Qianlong Xie, Xingxing Wang, Dong Wang, "Off-Policy Primal-Dual Safe Reinforcement Learning", *Proceedings of the 12th International Conference on Learning Representations (ICLR 2024)* (* equal contribution)

2. **Qian Lin**, Chao Yu, Zifan Wu, Zongkai Liu, "Policy-regularized Offline Multi-objective Reinforcement Learning", *Proceedings of the 23st International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2024)*

3. **Qian Lin**, Bo Tang*, Zifan Wu*, Chao Yu, Shangqin Mao, Qianlong Xie, Xingxing Wang, Dong Wang, "Safe Offline Reinforcement Learning with Real-Time Budget Constraints", *Proceedings of the 40th International Conference on Machine Learning, (ICML 2023)* (* equal contribution)

Scholarships and Awards

- Xiaomi Scholarship   2023
- First Prize of Sun Yat-sen University Graduate Scholarship and Grant   2022–2024
- 1st place at the RoboMaster Sim2Real Challenge (2022 IEEE Conference on Games)   2022
- Outstanding Student Scholarship of Sun Yat-sen University   2019–2021

Experience

Meituan Inc.   Beijing, China
Research intern in Advertising Algorithm Research Group   2022-2023

- Application of safe RL and offline RL in the auto-bidding advertising system of the biggest local delivery services company in China
- Modeled the Meituan advertising bidding problem from the perspective of safe RL, and addressed it through trajectory optimization and the application of the diffusion generative model

Volunteering & Mentoring

- Member of the Duxing Volunteer Service Team   2019–Current
  Conducted animal rescue activities including helping stray cats and dogs