

Li Jiang

1001 Rue Sherbrooke O
Montréal, QC, H3A 1G5
Canada

✉ li.jiang3@mail.mcgill.ca
🏠 <https://louieworth.github.io/>
🔗 Google Scholar

EDUCATION

-
- **McGill University, Montréal, Canada** Sep. 2023 – Jun. 2027
Ph.D. in Operation Management, Advised by Yichuan (Daniel) Ding
 - **Tsinghua University, Beijing, China** Sep. 2020 – Jun. 2023
M.S. with Honors in Management Science and Engineering, Advised by Victor Chan
 - **Southwest University of Science and Technology, Sichuan, China** Sep. 2014 – Jun. 2018
B.E. with Honors in Civil Engineering

EXPERIENCE

-
- **CMU, PA, US, Visiting Student** Aug. 2022 – Feb. 2023
Worked on safety in offline reinforcement learning with Prof. Ding Zhao.
 - **Stanford University, CA, US, Student Research Fellow** Jun. 2022 – Aug. 2022
Worked on AI safety and alignment.
 - **Tsinghua University, BJ, CN, Research Intern** Jun. 2021 – Jun. 2022
Worked on offline reinforcement learning and MIMO optimization with Prof. Xianyuan Zhan.
 - **Microsoft Research Asia, BJ, CN, Research Intern** Jan. 2021 – Apr. 2022
Worked on reinforcement learning for molecular generation with Prof. Jiang Bian.

PUBLICATIONS AND PRE-PRINTS

Conferences

1. **Offline RL with No OOD Actions: Offline RL with Implicit Value Regularization** [Paper]
H. Xu, **L. Jiang**, J. Li, X. Zhan
International Conference on Learning Representations (ICLR), 2023 (Notable Top 5%).
2. **A Policy-Guided Imitation Approach for Offline Reinforcement Learning** [Paper]
H. Xu*, **L. Jiang***, J. Li, X. Zhan
Neural Information Processing Systems (NeurIPS), 2022 (Oral).
3. **An Efficient Multi-Agent Optimization Approach for Coordinated MIMO Beamforming** [Paper]
L. Jiang, X. Wang, A. Yang, O. Ouyang, X. Zhan
IEEE International Conference on Communications (ICC), 2023.
4. **Exploiting Fundamental Symmetry for Sample-Efficient Offline RL** [Paper]
P. Cheng, X. Zhan, Z. Wu, W. Zhang, S. Song, H. Wang, Y. Lin, **L. Jiang**
Neural Information Processing Systems (NeurIPS), 2023.

Journals

1. **Curriculum Goal-conditioned Imitation for Offline Reinforcement Learning** [Paper]
L. Jiang, X. Feng, X. Yu, H. Xu, X. Zhan, V. Chan
IEEE Transactions on Games (ToG), 2022.

Pre-Prints

1. **Plasticity-Driven for Sparse Deep Reinforcement Learning** [Paper]
L. Jiang, H. Xu, Y. Ding, X. Zhan
2. **MoReDrop: Dropout without Dropping** [Paper]
D. Li*, **L. Jiang***, Y. Ding, V. Chan
3. **Offline Reinforcement Learning with Imbalanced Dataset** [Paper]
L. Jiang, S. Cheng, J. Qiu, H. Xu, V. Chan, D. Zhao
Data-centric Machine Learning Research Workshop, ICML 2023.

SCHOLARSHIPS, FELLOWSHIPS AND GRANTS

- Shenzhen Universiade International Scholarship Foundation (\$8,000). [\[Detail\]](#) *Sep. 2023*
- Stanford Summer Research Fellowship (\$7,500). [\[Detail\]](#) *Dec. 2022*
- Tsinghua University First-class Scholarship (\$1,500). *Dec. 2022*

HONORS AND AWARDS

- Excellent Graduate Student at Tsinghua University (2%). *Dec. 2022*
- Outstanding Reviewer (NeurIPS 2024). *Dec. 2023*

INVITED TALKS AND PRESENTATIONS

- Offline RL with Implicit Value Regularization, *AI TIME* *Mar. 2023*
- Safe, Reliable, and Generalizable Offline RL, *CMU Safe AI Lab, Host: Prof. Ding Zhao* *Feb. 2023*
- A Policy-Guided Imitation Approach for Offline RL, *RL China* *Nov. 2022*

PROFESSIONAL SERVICE

- Reviewer: NeurIPS (2023-2024), ICML (2023-2024), ICLR (2024)

TEACHING EXPERIENCE

- Linear Algebra, *Southwest University of Science and Technology* *Spring 2016*
- MGCR 307, Operation Management, *McGill University* *Fall 2023, Winter 2024*

Last update: January 18, 2024