

Wanqi Zhou, Ph.D. student

✉ Zhouwanqistu@163.com

✉ zwq785915792@stu.xjtu.edu.cn

🎓 Google Scholar

🌐 <https://github.com/ElleZWQ>



Education

- 2023.10 – 2024.11 ■ **International Program Associate (IPA)** in Tensor Learning Team, RIKEN Center for Advanced Intelligence Project, Japan.
Research Interests: *Causal discovery; Adversarial Defense.*
- 2023.07 – 2023.10 ■ **Intern** in Tensor Learning Team, RIKEN Center for Advanced Intelligence Project, Japan.
Research Interests: *Causal discovery; Adversarial Defense.*
- 2019.09 – 2025.06 ■ **Ph.D. Control Science and Engineering** in Xi'an Jiaotong University, China.
Originally admitted to the M.Sc. program and transitioned to the Ph.D. program.
Research Interests: *Causal discovery; Domain Adaptation/ Generalization; Adversarial Defense; Information Theory.*
- 2015.09 – 2019.06 ■ **B.Eng. Bachelor of Engineering** in Shandong University, China.
Thesis title: *Stochastic Fourier Adaptive Algorithm based on MEE-MCC.*

Research Publications

- 1 S. Bai, M. Zhang, **W. Zhou**, et al., “Prompt-based distribution alignment for unsupervised domain adaptation,” in *Proceedings of the AAAI Conference on Artificial Intelligence*, vol. 38, 2024, pp. 729–737.
- 2 S. Bai, Y. Zhang, **W. Zhou**, Z. Luan, and B. Chen, “Soft prompt generation for domain generalization,” in *European Conference on Computer Vision (ECCV)*, 2024. arXiv: 2404.19286 [cs.CV]. [🔗 URL: https://arxiv.org/abs/2404.19286](https://arxiv.org/abs/2404.19286).
- 3 S. Bai, **W. Zhou**, Z. Luan, D. Wang, and B. Chen, “Improving cross-domain few-shot classification with multilayer perceptron,” in *ICASSP 2024 - 2024 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)*, 2024, pp. 5250–5254. [🔗 DOI: 10.1109/ICASSP48485.2024.10447065](https://doi.org/10.1109/ICASSP48485.2024.10447065).
- 4 **W. Zhou**, S. Bai, Y. He, Q. Zhao, and B. Chen, “An information-theoretic approach for heterogeneous differentiable causal discovery,” 2024, Available at SSRN: <https://ssrn.com/abstract=4837242> or <http://dx.doi.org/10.2139/ssrn.4837242>.
- 5 **W. Zhou**, S. Bai, S. Yu, Q. Zhao, and B. Chen, “Jacobian regularizer-based neural granger causality,” in *Forty-first International Conference on Machine Learning*, 2024. [🔗 URL: https://openreview.net/forum?id=FG5hjRBtpm](https://openreview.net/forum?id=FG5hjRBtpm).
- 6 **W. Zhou**, S. Bai, Q. Zhao, and B. Chen, *Revisiting the adversarial robustness of vision language models: A multimodal perspective*, 2024. arXiv: 2404.19287 [cs.CV]. [🔗 URL: https://arxiv.org/abs/2404.19287](https://arxiv.org/abs/2404.19287).
- 7 **W. Zhou**, S. Yu, and B. Chen, “Causality detection with matrix-based transfer entropy,” *Information Sciences*, vol. 613, pp. 357–375, 2022.

Academic service

Reviewer  ACM MM2024, ICDM2024

Posters  ICML2024

Skills


Languages  Mandarin Chinese, English.

Coding  Python, MATLAB, Pytorch, C, \LaTeX , ...

Miscellaneous Experience


Awards and Achievements

2021  **BCI Brain Controlled Robot Competition National First Prize**, 2021 World Robot Competition.

2018  **The National First Prize in the Photoelectric Four-Wheel Group**, The 13th National College Student NXP Intelligent Car Competition.

Certification

2023  **Outstanding Graduate Student**. Awarded by Xi'an Jiaotong University.

2022  **Outstanding Graduate Student**. Awarded by Xi'an Jiaotong University.

2020  **Outstanding Graduate Student Cadres**. Awarded by Xi'an Jiaotong University.

2019  **Outstanding Undergraduate Graduates**. Awarded by Shandong University.