

Zhiming Zhou

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Employment

Shanghai University of Finance and Economics.

Assistant Professor, School of Computing and Artificial Intelligence.

Assistant Professor, School of Information Management and Engineering.

Shanghai, China

Dec. 2024 - Now

Dec. 2020 - Dec. 2024

Education

Shanghai Jiao Tong University.

Ph.D. in Computer Science, Advised by Prof. Yong Yu.

Shanghai, China

Sep. 2014 - Jun. 2020

Shanghai Jiao Tong University.

B.S. in Computer Science (ACM Class).

Shanghai, China

Sep. 2010 - Jun. 2014

Research Interests

I have a broad interest in fundamental techniques and theories of machine learning, including optimization, generalization, generative models, representation learning, learning theory, design principles of neural networks, etc. Ultimately, I hope to contribute to laying a solid foundation for applying artificial intelligence in the real world.

Selected Publications

Self-Supervised Disentanglement via Cluster-Dependent Rotational Equivariance.


- Junbing Liu, [Zhiming Zhou](#).

- Preprint, 2025.

Towards Better Sharpness-Aware Minimization: A New Perspective and Method.

- Jianlong Chen, [Zhiming Zhou](#).

- Preprint, 2025

Residual Multi-Task Learner for Applied Ranking. 


- Cong Fu, Kun Wang, Jiahua Wu, Yizhou Chen, Guangda Huzhang, Yabo Ni, Anxiang Zeng, [Zhiming Zhou](#).

- ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD), 2024.

Recurrent Temporal Revision Graph Networks. 


- Yizhou Chen, Anxiang Zeng, Guangda Huzhang, Qingtao Yu, Kerui Zhang, Kangle Wu, Han Yu, [Zhiming Zhou](#).

- Annual Conference on Neural Information Processing Systems (NeurIPS), 2023.

Clustered Embedding Learning for Recommender Systems. 

- Yizhou Chen, Guangda Huzhang, Anxiang Zeng, Qingtao Yu, Hui Sun, Jingyi Li, Yabo Ni, Han Yu, [Zhiming Zhou](#).

- ACM Web Conference (WWW), 2023.

Lipschitz Generative Adversarial Nets. 

- [Zhiming Zhou](#), Jiadong Liang, Yuxuan Song, Lantao Yu, Hongwei Wang, Weinan Zhang, Yong Yu, Zhihua Zhang.

- International Conference on Machine Learning (ICML), 2019.

Towards Efficient and Unbiased Implementation of Lipschitz Continuity in GANs. 

- [Zhiming Zhou](#), Jian Shen, Yuxuan Song, Weinan Zhang, Yong Yu.

- Preprint, 2019.

AdaShift: Decorrelation and Convergence of Adaptive Learning Rate Methods. 

- [Zhiming Zhou](#), Qingru Zhang, Guansong Lu, Hongwei Wang, Weinan Zhang, Yong Yu.

- International Conference on Learning Representations (ICLR), 2019.

Guiding the One-to-one Mapping in CycleGAN via Optimal Transport. 

- Guansong Lu, [Zhiming Zhou](#), Yuxuan Song, Kan Ren, Yong Yu.

- AAAI Conference on Artificial Intelligence (AAAI), 2019.

Optimizing an Inverse KL Divergence for Converting RDF Triples into High-Quality Natural Languages. 

- Yaoming Zhu, Juncheng Wan, [Zhiming Zhou](#), Liheng Chen, Lin Qiu, Weinan Zhang, Xin Jiang, Yong Yu.

- International Conference on Research and Development in Information Retrieval (SIGIR), 2019.

Activation Maximization Generative Adversarial Nets. 

- [Zhiming Zhou](#), Han Cai, Shu Rong, Yuxuan Song, Kan Ren, Weinan Zhang, Jun Wang, Yong Yu.

- International Conference on Learning Representations (ICLR), 2018.

Unsupervised Diverse Colorization via Generative Adversarial Networks.

- Yun Cao, Zhiming Zhou, Weinan Zhang, Yong Yu.
- European Conference on Machine Learning (ECML), 2017.

Sparse-as-Possible SVBRDF Acquisition.

- Zhiming Zhou, Guojun Chen, Yue Dong, David Wipf, Yong Yu, John Snyder, Xin Tong.
- ACM Transactions on Graphics (TOG) - Proceedings of ACM SIGGRAPH Asia, 2016.

Honors and Awards

Top 33% Reviewer. International Conference on Machine Learning (ICML). 2020.

Excellent Ph.D. Student Scholarship (Top 1%). Shanghai Jiao Tong University. 2019.

Excellent Intern Award. Microsoft Research Asia. 2016 and 2014.

The First Prize. National Olympiad in Informatics in Provinces (NOIP). Jiangxi Province, China. 2009.