

# 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 the fundamental techniques and theories of machine learning, including optimization, generalization, generative models, representation learning, learning theory, principled design of neural networks, etc. Ultimately, I aim to lay a solid foundation for artificial intelligence.

## Selected Works

**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

**Learning Personalizable Clustered Embedding for Recommender Systems.** 

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

- ACM Transactions on Recommender Systems (TORS), 2025, Volume 3, Issue 3.

**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.

**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.

**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.

### **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.

### **Unsupervised Diverse Colorization via Generative Adversarial Networks.**

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

## **Honors and Awards**

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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.