

# Xingtong Yu, Ph.D. Candidate

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## Research Areas

Graph mining and learning, Prompt tuning, Web and social media mining.

## Education

2019 – ···· **Ph.D. Candidate.**  
School of Computer Science and Technology, University of Science and Technology of China.

2015 – 2019 **B.S.**  
School of the Gifted Young, University of Science and Technology of China.

## Experiences

2022 – ···· **Visiting Research Student.**  
School of Computing and Information System, Singapore Management University.

## Research Publications

\* denotes co-first authors with equal contribution.

### Featured Publications

- 1 **X. Yu**, Y. Fang, Z. Liu, and X. Zhang, “Hgprompt: Bridging homogeneous and heterogeneous graphs for few-shot prompt learning,” in *the AAAI Conference on Artificial Intelligence*, 2024.
- 2 **X. Yu**, C. Zhou, Y. Fang, and X. Zhang, “Multigprompt for multi-task pre-training and prompting on graphs,” in *the ACM Web Conference*, 2024.
- 3 Z. Liu\*, **X. Yu\***, Y. Fang, and X. Zhang, “Graphprompt: Unifying pre-training and downstream tasks for graph neural networks,” in *the ACM Web Conference*, 2023, pp. 417–428.
- 4 **X. Yu\***, Z. Liu\*, Y. Fang, and X. Zhang, “Learning to count isomorphisms with graph neural networks,” in *the AAAI Conference on Artificial Intelligence*, 2023, pp. 4845–4853.

### Other Publications

- 1 W. Zhang, X. Deng, B. Jia, **X. Yu**, Y. Chen, J. Ma, Q. Ding, and X. Zhang, “Pixel adapter: A graph-based post-processing approach for scene text image super-resolution,” in *the ACM International Conference on Multimedia*, pp. 2168–2179, 2023.

### Under Review Papers

- 1 P. Xia, **X. Yu**, M. Hu, L. Ju, Z. Wang, P. Duan, and Z. Ge, *Hgclip: Exploring vision-language models with graph representations for hierarchical understanding*, 2024. Conference on Computer Vision and Pattern Recognition: preprint.
- 2 **X. Yu\***, Y. Fang\*, Z. Liu, Y. Wu, Z. Wen, J. Bo, X. Zhang, and S. C. H. Hoi, *Few-shot learning on graphs: From meta-learning to pre-training and prompting*, 2024. International Joint Conference on Artificial Intelligence: preprint.
- 3 **X. Yu**, Z. Liu, Y. Fang, Z. Liu, S. Chen, and X. Zhang, *Generalized graph prompt: Toward a unification of pre-training and downstream tasks on graphs*, 2023. IEEE Transactions on Knowledge and Data Engineering: preprint.

## Academic Services

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### Conference Program Committee Member

2024 ICLR, ICML, WWW, CVPR, ICMR  
2023 NeurIPS

### Journal Reviewer

Frontiers of Computer Science  
PeerJ Computer Science