Jinfeng Xu (徐锦峰)

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EDUCATION BACKGROUND

Beijing University of Technology | University College Dublin (B.E.)　　　　　2019.09-2023.07
Major: Computer Science

The University of Hong Kong (Ph.D.)　　　　　2023.09-2026.07 (expected)
Major: Data Mining

PUBLICATION

Note: # indicates the authors with equal contributions, and * indicates the corresponding authors.

Jinfeng Xu, Zheyu Chen, Shuo Yang, Jinze Li, Ziyue Peng, Zewei Liu, Hewei Wang, Jiayi Zhang, Edith Ngai, **Multi-modal Dynamic Proxy Learning for Personalized Multiple Clustering**, The Association for the Advancement of Artificial Intelligence (AAAI 2026, CCF-A).

Jinfeng Xu, Zheyu Chen, Jinze Li, Shuo Yang, Wei Wang, Xiping Hu, Raymond Chi-Wing Wong, and Edith Ngai, **Enhancing Robustness and Generalization Capability for Multimodal Recommender Systems via Sharpness-Aware Minimization**, IEEE Transactions on Knowledge and Data Engineering (TKDE, CCF-A).

Jinfeng Xu, Zheyu Chen, Jinze Li, Shuo Yang, Wei Wang, Hewei Wang, Yijie Li, Xiping Hu, and Edith Ngai, **DGGVAE: Dual-Granularity Graph Variational Auto-Encoder for Group Recommendation**, ACM Transactions on Information Systems (TOIS, CCF-A).

Jinfeng Xu, Zheyu Chen, Jinze Li, Shuo Yang, Hewei Wang, Yijie Li, Mengran Li, Puzhen Wu, and Edith Ngai**, MDVT: Enhancing Multimodal Recommendation with Model-Agnostic Multimodal-Driven Virtual Triplets,** ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD 2025, CCF-A).

Jinfeng Xu, Zheyu Chen, Wei Wang, Xiping Hu, Sang-Wook Kim, and Edith Ngai, **COHESION: Composite Graph Convolutional Network with Dual-Stage Fusion for Multimodal Recommendation**, ACM International Conference on Research and Development in Information Retrieval (SIGIR 2025, CCF-A).

Jinfeng Xu, Zheyu Chen, Shuo Yang, Jinze Li, and Edith Ngai, **The Best is Yet to Come: Graph Convolution in the Testing Phase for Multimodal Recommendation**, ACM International Conference on Multimedia (ACM MM 2025, CCF-A).

Jinfeng Xu, Zheyu Chen, Shuo Yang, Jinze Li, Hewei Wang, and Edith Ngai, **MENTOR: Multi-level Self-supervised Learning for Multimodal Recommendation**, The Association for the Advancement of Artificial Intelligence (AAAI 2025, CCF-A).

Jinfeng Xu, Zheyu Chen, Shuo Yang, Jinze Li, Hewei Wang, Wei Wang, Xiping Hu, and Edith Ngai, **NLGCL: Naturally Existing Neighbor Layers Graph Contrastive Learning for Recommendation**, ACM Conference on Recommender Systems (RecSys 2025, CCF-B) **[Spotlight Oral]**.

Jinfeng Xu, Zheyu Chen, Jinze Li, Shuo Yang, Hewei Wang, and Edith Ngai, **AlignGroup: Learning and Aligning Group Consensus with Member Preferences for Group Recommendation**, ACM International Conference on Information and Knowledge Management (CIKM 2024, CCF-B).

Jinfeng Xu, Zheyu Chen, Jinze Li, Shuo Yang, Wei Wang, Xiping Hu, and Edith Ngai, **Enhancing Graph Collaborative Filtering with FourierKAN Feature Transformation**, ACM International Conference on Information and Knowledge Management (CIKM 2025, CCF-B).

Jinfeng Xu, Zheyu Chen, Shuo Yang, Jinze Li, Wei Wang, Xiping Hu, Steven Hoi, and Edith Ngai, **A Survey on Multimodal Recommender Systems: Recent Advances and Future Directions**, IEEE Transactions on Multimedia (TMM, CCF-B).

Jinfeng Xu, Zheyu Chen, Wei Wang, Xiping Hu, Jiyi Liu, and Edith Ngai, **LOBSTER: Bilateral Global Semantic Enhancement for Multimedia Recommendation**, Information Fusion (IF=15.5, Q1-Top).

Zheyu Chen, **Jinfeng Xu***, Yutong Wei, and Ziyue Peng, **Squeeze and Excitation: A Weighted Graph Contrastive Learning for Collaborative Filtering**, ACM International Conference on Research and Development in Information Retrieval (SIGIR 2025, CCF-A).

Zheyu Chen#, **Jinfeng Xu#**, Hewei Wang, Shuo Yang, Zitong Wan and Haibo Hu, **Hypercomplex Prompt-aware Multimodal Recommendation**, ACM International Conference on Information and Knowledge Management (CIKM 2025, CCF-B).

Zheyu Chen#, **Jinfeng Xu#**, and Haibo Hu, **Don't Lose Yourself: Boosting Multimodal Recommendation via Reducing Node-neighbor Discrepancy in Graph Convolutional Networks**, IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP 2025, CCF-B).

FYI: I have also contributed as a co-author to many outstanding works, including NDSS, TDSC, KDD, CIKM, IROS (Oral), ACM MM, etc.

ACADEMIC SERVICE

I have served as a reviewer for over 10 top-tier conferences (e.g., ICLR, NeurIPS, KDD, SIGIR, etc.) and 5 top-tier journals (e.g., TKDE, TOIS, TII, etc.). Additionally, I was honored as an **Outstanding Reviewer** and invited as a **Session Chair** at KDD 2025.