

Jingzhe Liu

CONTACT INFORMATION

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RESEARCH INTERESTS

- Generative Recommendation System
- Large Language Personalization
- Deep Learning on Graphs
- Data-Centric AI, Data Science at Scale

EDUCATION

Michigan State University, USA 08/2023 – Present

- Ph.D. Student, Computer Science and Engineering
- Advisor: Dr. Jiliang Tang

Shanghai Jiao Tong University, China 09/2019 – 08/2023

- Bachelor of Engineering, Electronic and Computer Engineering

PROFESSIONAL EXPERIENCE

Data Science and Engineering Lab, Michigan State University 08/2023 – Present
Research Assistant, Department of Computer Science and Engineering

- Topic: Data-Centric Deep Learning
- Mentor: Dr. Jiliang Tang

User Modeling and Personalization Team, Snapchat 05/2026 – 09/2026
Research Intern

- Topic: Agentic Retrieval
- Mentor: Mingxuan Ju

User Modeling and Personalization Team, Snapchat 05/2025 – 09/2025
Research Intern

- Topic: Generative Recommendation
- Mentor: Mingxuan Ju

SELECTED PUBLICATIONS

- “Understanding Generative Recommendation with Semantic IDs from a Model-scaling View“
Jingzhe Liu, Liam Collins, Jiliang Tang, Neil Shah, Tong Zhao, Mingxuan Ju.
ACM SIGKDD Conference on Knowledge Discovery and Data Mining (**KDD**), 2026.
- “Towards Neural Scaling Laws on Graphs”
Jingzhe Liu, Haitao Mao, Zhikai Chen, Tong Zhao, Neil Shah, Jiliang Tang.
Learning on Graphs Conference (**LOG**), 2024.
- “Text-space Graph Foundation Models: Comprehensive Benchmarks and New Insights”
Zhikai Chen, Haitao Mao, **Jingzhe Liu**, Yu Song, Bingheng Li, Wei Jin, Bahare Fatemi, Anton Tsitsulin, Bryan Perozzi, Hui Liu, Jiliang Tang.
Published on Dataset and Benchmark Track at Neural Information Processing Systems (**NeurIPS-D&B Track**), 2024.

- “A Pure Transformer Pretraining Framework on Text-attributed Graphs”
Yu Song, Haitao Mao, Jiachen Xiao, **Jingzhe Liu**, Zhikai Chen, Wei Jin, Carl Yang, Jiliang Tang, Hui Liu.
Learning on Graphs Conference 2024(**LOG**), 2024.
- “Do Neural Scaling Laws Exist on Graph Self-Supervised Learning?”
Qian Ma, Haitao Mao, **Jingzhe Liu**, Zehua Zhang, Chunlin Feng, Yu Song, Yihan Shao, Yao Ma.
Learning on Graphs Conference 2024(**LOG**), 2024.

HONORS AND
AWARDS

- SDM Doctor Student Travel Award 2025
- Outstanding Graduate in Shanghai Jiao Tong University 2023
- Silver Awards in Capstone Design of Shanghai Jiao Tong University 2023
- Yu Liming Scholarship 2021
- Jiong Wu & Jie Sun Sunshine Scholarship 2020