Tianyu Fan

Department of Computer Science
The University of Hong Kong
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EDUCATION

The University of Hong Kong   2024-present
Ph.D candidate in Computer Science, advised by Prof. Chao Huang & Prof. Kao, Benjamin C.M.

Zhejiang University   2020-2024
B.Eng. in Automation, advised by Prof. Wei Jiang

SELECTED PAPERS

AutoAgent: Fully-Automated & Zero-Code LLM Agent Framework
Jiabin Tang, **Tianyu Fan**, Chao Huang
Arxiv: 2502.05957 (**300 stars on GitHub**)

MiniRAG: Towards Extremely Simple Retrieval-Augmented Generation
Tianyu Fan, Jingyuan Wang, Xubin Ren, Chao Huang
Arxiv: 2501.06713 (**700 stars on GitHub**)

Decoupling Weighing and Selecting for Integrating Multiple Graph Pre-training Tasks
Tianyu Fan, Lirong Wu, Yufei Huang, Haitao Lin, Cheng Tan, Zhangyang Gao, Stan Z. Li
ICLR 2024

Fine-tuning Graph Neural Networks by Preserving Graph Generative Patterns
Yifei Sun, Qi Zhu, Yang Yang, Chunping Wang, **Tianyu Fan**, Jiajun Zhu, Lei Chen
AAAI 2024

Extracting Low-/High- Frequency Knowledge from Graph Neural Networks and Injecting it into MLPs: An Effective GNN-to-MLP Distillation Framework
Lirong Wu, Haitao Lin, Yufei Huang, **Tianyu Fan**, Stan Z. Li
AAAI 2023 (**Oral**)

SELECTED PROJECTS

Auto-Deep-Research: Your Fully-Automated and Cost-Effective Personal AI Assistant   Project Page

SERVICES

Program Committee Member: ICLR 2024, CIKM 2023

INTERNSHIPS

MSRA, Microsoft
Research Intern, working with Dr. Xiao Yang & Dr. Weiqing Liu   Dec. 2023—Feb. 2024
AI-Net, Zhejiang University
Research Intern, advised by Prof. Yang Yang   Dec. 2022—March. 2023
AI Lab, Westlake University
Research Intern, advised by Prof. Stan Z. Li   June. 2022—Nov. 2022

SELECTED AWARDS AND HONORS

- Hong Kong PhD Fellowship Scheme (HKPFS)   2024
- HKU Presidential PhD Scholar (HKUPS)   2024
- Zhejiang Provincial Government Scholarship   2022, 2023
- Outstanding Student (10/123)   2023