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## Tianyu Fan

Department of Computer Science  
The University of Hong Kong  
[ [Homepage](#) ] [ [Google Scholar](#) ] [ [Github](#) ]

(+86) · 17370300590  
tianyufan0504@gmail.com

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## EDUCATION

<b>The University of Hong Kong</b> Ph.D candidate in Computer Science, advised by Prof. Chao Huang & Prof. Kao, Benjamin C.M.	2024-present
<b>Zhejiang University</b> B.Eng. in Automation, advised by Prof. Wei Jiang	2020-2024

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## SELECTED PUBLICATIONS

AutoAgent: Fully-Automated & Zero-Code LLM Agent Framework  
Jiabin Tang, **Tianyu Fan**, Chao Huang  
*Arxiv: 2502.05957 (2.2k+ stars on GitHub)*

MiniRAG: Towards Extremely Simple Retrieval-Augmented Generation  
**Tianyu Fan**, Jingyuan Wang, Xubin Ren, Chao Huang  
*Arxiv: 2501.06713 (800+ 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)*

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## SELECTED PROJECTS

Auto-Deep-Research: Your Fully-Automated and Cost-Effective Personal AI Assistant  
[Project Page](#) (700+ stars on GitHub)

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## SERVICES

Program Committee Member: ICLR 2024, CIKM 2023

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## INTERNSHIPS

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

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## 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