
Tianyu Fan

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EDUCATION

Zhejiang University

B.Eng. in Control Science and Engineering

Sept. 2020—June 2024 (expected)

- **GPA:** 3.99/4.00, 90.54/100
- **English Proficiency**
 - **CET-6:** 578

PUBLICATIONS

A Paper on Graph Pre-training

Tianyu Fan, other anonymous authors

Submit to an AI conference

Automated Graph Self-supervised Learning via Multi-teacher Knowledge Distillation

Lirong Wu, Yufei Huang, Haitao Lin, Zicheng Liu, **Tianyu Fan**, Stan Z. Li

arXiv preprint arXiv:2210.02099

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)

REASEARCH EXPERIENCES

AI-Net, Zhejiang University

Research Intern, advised by Prof. Yang Yang

Nov. 2022—Present

- work on graph pre-training, with particular attention to the conflicts between current pre-training tasks.

AI Lab, Westlake University

Research Intern, advised by Prof. Stan Z. Li

June. 2022—Nov. 2022

- work on knowledge distillation, analyzed the shortage during distillation from GNN to MLP in the spatial domains and proposed a framework to improve it.
- work on self-supervised learning, aimed at combining self-supervised tasks on graph in a fully automated way.

SELECTED AWARDS AND HONORS

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|---|------|
| • ZheJiang University Second-class Scholarship (4/126) | 2022 |
| • Liyue Venture Capital Student Scholarship (10/126) | 2022 |
| • ZheJiang University Second-class Scholarship (30/735) | 2021 |
| • Xiaomi Scholarship (10/735) | 2021 |

SKILLS

Programming Languages (frequently used): C, C++, Python, Matlab

Python Libraries: NumPy, PyTorch, PyG, DGL

Tools: git, L^AT_EX