
Tianyu Fan

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[[Homepage](#)] [[Google Scholar](#)] [[Github](#)]

EDUCATION

Zhejiang University

B.Eng. in Automation

Sept. 2020—June 2024 (expected)

- **GPA:** 3.98/4.00, 90.31/100
- **Rank:** 12/123
- **English Proficiency**
 - **CET-6:** 578
 - **Toefl:** 98 (R: 26, L: 25, S: 23, W: 24)

PUBLICATIONS

A Paper on Automated Graph Pre-training

Tianyu Fan, other anonymous authors

Submit to an AI conference

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)

RESEARCH EXPERIENCES

DMML Lab, Arizona State University

Research Intern, advised by Prof. Huan Liu

March. 2023—Present

- work on life-long learning on spatio-temporal graphs.

AI-Net, Zhejiang University

Research Intern, advised by Prof. Yang Yang

Nov. 2022—Present

- work on graph pre-training&fine-tuning, with particular attention to narrow the gap when pre-trained models are applied to downstream 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

- | | |
|---|------|
| • ZheJiang University Second-class Scholarship (4/123) | 2022 |
| • Liyue Venture Capital Student Scholarship (10/123) | 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

SELECTED PROJECTS

- | | |
|--|-------------|
| • awesome-spatio-temporal-graph (a paper list of spatio-temporal graph) | owner |
| • awesome-graph-self-supervised-learning (a paper list of self-supervised learning methods on graph) | contributer |