
Tianyu Fan

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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)

SELECTED PUBLICATIONS

A paper on automated graph pre-training

Tianyu Fan, other anonymous authors

Neurips 2023 (under review, first author)

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

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, resulted in an oral paper (AAAI'23).
- work on self-supervised learning, aimed at combining self-supervised tasks on graph in a fully automated way, resulted in a top conference first author paper (under review).

AI-Net, Zhejiang University

Research Intern, advised by Prof. Yang Yang

Dec. 2022—March. 2023

- work on graph pre-training&fine-tuning, with particular attention to narrow the gap when pre-trained models are applied to downstream tasks, resulted in a top conference paper (under review).

DMML Lab, Arizona State University

Research Intern, advised by Prof. Huan Liu & Prof. Kaize Ding

March. 2023—Present

- work on graph life-long learning, dividing forgetting on graph into benign and malignant, and using prompt-tuning to relieve malignant forgetting (ongoing).

ACADEMIC PERFORMANCE

- **Programming:** C Programming (95), Lectures on Programming(94)
- **Mathematics:** Calculus (90), Linear Algebra (91), Ordinary Differential (95), Complex Function and Integral Transform (96), Probability and Mathematical Statistics (95), Numerical Computation Method (95)

SELECTED AWARDS AND HONORS

- Zhejiang University Second-class Scholarship (4/123) 2022
- Zhejiang Provincial Government Scholarship (6/123) 2022
- Liyue Venture Capital Student Scholarship (10/123) 2022
- Zhejiang University Second-class Scholarship (30/735) 2021
- Xiaomi Scholarship (10/735) 2021
- National College Student Mathematics Competition (Second Prize) 2021