Fangyu Ding 丁方玉

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Education

Hong Kong University of Science and Technology   2024.9 –
PhD student, Computer Science, advised by Prof. Binhang Yuan

Shanghai Jiao Tong University   2021.9 – 2024.3
M.Eng., Computer Science, 3.70/4.0 GPA, advised by Prof. Junchi Yan

Shanghai Jiao Tong University   2017.9 – 2021.6
B.Eng., Computer Science, 88.9/100 GPA

Research Interests

- Generative Models: Large Language Models, Diffusion Models, etc.
- Machine Learning Systems: e.g. Efficient Training & Inference for LLMs.
- Computer Architecture & Parallel Computing: GPU, NPU, etc.

Publications

- **Fangyu Ding**, Haiyang Wang, Zhixuan Chu, Tianming Li, Zhaoping, Hu, Junchi Yan.
  GSINA: Improving Subgraph Extraction for Graph Invariant Learning via Graph Sinkhorn Attention.
  (Arxiv:2402.07191)

- **Fangyu Ding**, Junchi Yan, Haiyang Wang.
  c-NTPP: Learning Cluster-Aware Neural Temporal Point Process. (AAAI 2023)

Internship

Huawei HKRC   2025.5 – 2026.5 (expected)
Research Intern   Hong Kong, China
- Masked Diffusion Language Models

UCloud   2024.4 – 2024.7
Algorithm Intern   Shanghai, China
- LLMSys: research sharing about LLM training, fine-tuning, inference, serving, algorithms, models, systems, and hardware with the UCloud AI team.
- LLM inference throughput benchmarking (using TensorRT-LLM) and hardware comp/mem/comm bandwidths profiling on 8xA100 and 8x4090 servers.

AntGroup   2022.10 – 2023.5
Research Intern   Hangzhou, China
- Graph learning: subgraph mining and critical-subgraph-based message-passing mechanism for robust graph classification and node classification.

Alibaba Damo Academy   2021.7 – 2021.9
Research Intern   Hangzhou, China
- Event sequence: sequential VAE for event sequence modeling, prediction and subsequence mining.

Teaching Assistant

- HKUST COMP 4611 (website) , Design and Analysis of Computer Architectures, 25 Spring

Awards

- SJTU Postgraduate Scholarship First Prize, 2021, 2022, 2023
- HKUST Postgraduate Scheme, 2024
- Huawei PhD Fellowship, 2025, 2027

Hobbies

- My hobbies span a wide range of interests including football, piano, games, animation, TV series, reading, traveling, and cooking.