Haipeng Ding

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Education

Renmin University of China(RUC), Beijing, China 2022 – Present

Candidate Ph.D. in Artificial Intelligence, Gaoling School of Artificial Intelligence, expected June 2027

Renmin University of China(RUC), Beijing, China 2018 – 2022

B.S. in Computer Science and Technology, Turing Class, School of Information.

Selected Honors and Awards

Two gold medals in ICPC Asia Regional Contests (including one rank 10^{th})	2019, 2019
Two silver medals in ICPC Asia-East Continent Finals	2019, 2021
Two gold medals in ICPC China Invitational Contest (including one rank 3^{rd})	2019, 2019
Outstanding Graduate Student of Renmin University of China	June, 2022
CCF Elite Collegiate Award	Oct, 2021
First Class Academic Excellence Scholarship	Dec, 2019

Selected Publications and Experience

Large-Scale Spectral Graph Neural Networks via Laplacian Sparsification

First-Authored Paper In Proceedings of 31th ACM SIGKDD Conf. on Knowledge Discovery and Data Mining

- Served as the first author.
- Completed all parts of paper writing and coding.
- Just accepted, not published yet.

Scalable and Effective Graph Neural Networks via Trainable Random Walk Sampling

First-Authored Paper IEEE Transaction on Knowledge and Data Engineering, 2025

- Served as the first author.
- Completed all parts of paper writing and coding.

Jittor Geometric Project June, 2024 – Present

C/C++, Python Team Projects, collaborated with my fellows, North-east University, and Tsinghua University

This is a Chinese-developed library, which aims to provide an efficient and flexible GNN implementation for researchers and engineers working with graph-structured data.

- Contributed to the part of subsampling-based models (including code, adjustment, and test).
- Repository maintainence, and the development of Jittor Geometric 2.0.

Huawei-Renmin University Joint Program 2022 – Present

Python (Pytorch) Team Projects, collaborated with my fellows, and Huawei Technologies Co., Ltd.

This project focuses mainly on large-scale graph learning methods, static / dynamic graph recommendation, and LLM-graph foundation models.

- Served as main researcher, conducted studies on large-scale graph learning methods.
- Currently doing research on LLM-graph foundation models.

Miscellaneous

- Homepage: https://dinghaipeng.com/homepage
- Programming: C/C++, Python (Pytorch and relevant ML libraries)
- GitHub: https://github.com/Reynard1ng
- Languages: English - CET6, fluent, and academic paper writing, Mandarin - native speaker