

# HAIPENG DING

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## 🎓 EDUCATION

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**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

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Two gold medals in ICPC Asia Regional Contests (including one rank 10 <sup>th</sup> )	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 <sup>rd</sup> )	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

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### **Large-Scale Spectral Graph Neural Networks via Laplacian Sparsification**

*Haipeng Ding, Zhewei Wei\*, Yuhang Ye* In SIGKDD 2025

### **Scalable and Effective Graph Neural Networks via Trainable Random Walk Sampling**

*Haipeng Ding, Zhewei Wei\*, Yuhang Ye* In TKDE 2025

### **Enabling Efficient Random Access to Hierarchically Compressed Text Data on Diverse GPU Platforms**

*Yihua Hu, Feng Zhang\*, Yifei Xia, Zhiming Yao, Letian Zeng, Haipeng Ding, Zhewei Wei, Xiao Zhang, Jidong Zhai, Xiaoyong Du* In TPDS 2023

### **Optimizing Random Access to Hierarchically-Compressed Data on GPU**

*Feng Zhang\*, Yihua Hu, Haipeng Ding, Zhiming Yao, Zhewei Wei, Xiao Zhang, Xiaoyong Du* In SC 2023

### **Neural, Symbolic and Neural-Symbolic Reasoning on Knowledge Graphs**

*Jing Zhang\*, Bo Chen, Lingxi Zhang, Xirui Ke, and Haipeng Ding* In AI Open 2021

**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.

**Internship at Tongyi Laboratory, Alibaba** May, 2025 – Present

*Python, AgentScope, Trinity-RFT* Researcher and developer, at Institute for Intelligent Computing, Alibaba.

This internship focuses mainly on agentic AI framework construction, and an introduction (for me) to RL.

## 📄 MISCELLANEOUS

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