Yukun Zhou

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Education

Hong Kong University of Science and Technology	**Ph.D.** in Computer Science	Sept 2024 – Present
Supervised by Wei Wang, Binhang Yuan		
Tsinghua University	**M.E.** in Software Engineering	Sept 2021 – June 2024
Supervised by Jianmin Wang, Xiangdong Huang		
Nanjing University	**B.E.** in Software Engineering	Sept 2017 – June 2021
Supervised by Jidong Ge		

Publications

Jiaxin Bai, Zihao Wang, *Yukun Zhou*, Hang Yin, Weizhi Fei, Qi Hu, et al., "**Top Ten Challenges Towards Agentic Neural Graph Databases**", IEEE Data Eng. Bull. 49(1): 104-123 (2025)

Xinyu Zhao*, Guoheng Sun*, Ruisi Cai*, *Yukun Zhou**, Pingzhi Li*, Peihao Wang*, et al., "**Model-GLUE: Democratized LLM Scaling for A Large Model Zoo in the Wild**", NeurIPS'24

Projects

Apache IoTDB	IIoT Native Distributed DBMS	Mar 2021 – June 2024

- 130k+ LOC; 240+ commits; top 3 contributor of 2022
- Honored as Committer of Apache IoTDB open source community
- I led the metadata group and took the lead in design, implementation and optimization of standalone engine and distributed workflow for massive timeseries metadata.

Model-GLUE: Democratized LLM Scaling for A Large Model Zoo in the Wild	Mar 2024 – June 2024

- This is a benchmark work on effect of various model merging and mixture methods with Llama2 model family. I was responsible for experiments, analysis and characterization of different model mixture methods.

Work Experience

Huawei Technologies Co. Ltd.	**SDE Intern**	Sept 2020 – Nov 2020
Participate in feature development and code optimization of cloud saling platform .		
Tencent Technology (ShangHai) Co. Ltd.	**SDE Intern**	June 2020 – Aug 2020
Participate in distributed database application optimization, B2B platform benchmark, CI/CD, etc.		

Selected Awards

- First Prize of Tsinghua University Postgraduate Scholarship — Nov 2023
- Second Prize of Tsinghua University Postgraduate Scholarship — Nov 2022
- Apache IoTDB Committer — June 2022
- Outstanding Graduate of Nanjing University — June 2021
- Outstanding Graduation Design of Nanjing University — June 2021
- First Prize of Nanjing University Renmin Scholarship — 2018 - 2020

Skills

English: TOEFL 103; CET-6
Programming Language: Java, Python, C/C++, JavaScript
Teamwork: Familiar with team cooperation in open source communities