Junhao Zhu

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Education

Zhejiang University   2022/09 – 2027/06 (expected)
Ph.D. Student in Computer Science and Technology   Hangzhou, China
- Advisor: Lu Chen

Zhejiang University of Technology   2018/09 – 2022/06
B.E. in Automation Engineering   Hangzhou, China
- Graduated with the highest distinction.
- Advisor: Qi Xuan

Research Interests

Data Lake Management, Data Preparation, Data-centric AI

Publications

[1] **Junhao Zhu**, Tao Wang, Danlei Hu, Ziquan Fang, Lu Chen, Yunjun Gao, Tianyi Li. "T-Assess: An Efficient Quality Assessment System Tailored for Trajectory Data". Submitted to *Proceedings of the 51th International Conference on Very Large Data Bases* (**VLDB'25**), 2024. (in revision)

[2] **Junhao Zhu**, Yuren Mao, Lu Chen, Congcong Ge, Ziheng Wei, Yunjun Gao. "FusionQuery: On-demand Fusion Queries over Multi-source Heterogeneous Data". *In Proceedings of the 50th International Conference on Very Large Data Bases* (**VLDB'24**), 17(6): 1337-1349.

[3] Pengfei Wang, Xiaocan Zeng, Lu Chen, Fan Ye, Yuren Mao, **Junhao Zhu**, Yunjun Gao. "PromptEM: Prompt-tuning for Low-resource Generalized Entity Matching". *In Proceedings of the 49th International Conference on Very Large Data Bases* (**VLDB'23**), 16(2): 369-378.

[4] **Junhao Zhu**, Jinhuan Wang, Yalu Shan, Shanqing Yu, Guanrong Chen, Qi Xuan. "DeepInsight: Topology Changes Assisting Detection of Adversarial Samples on Graphs". *IEEE Transactions on Computational Social Systems* (**TCSS**), 11(1): 76-88, 2024.

Invited Talks

- "FusionQuery: On-demand Fusion Queries over Multi-source Heterogeneous Data", **VLDB**, Guangzhou, Aug. 2024
- "Conflict-resolved Queries over Multi-source Heterogeneous Data", **Huawei**, June, 2023
- "Weak Supervision in Entity Matching", **Huawei**, April 2023

Honors & Awards

- Provincial Outstanding Undergradates, Zhejiang University of Technology   2022
- Provincial Government Scholarship, Zhejiang University of Technology   2021 - 2022

Industry Experience

Huawei   2022/06 – 2022/09
Research Intern in Data Intelligence Innovation Lab (Advised by Ziheng Wei)   Hangzhou, China
- Built a language model tailored for business data in Huawei.

Skills

Programming Languages: Python, C/C++, Java
Tech Skills: PyTorch, Tensorflow, Linux, Git, Latex

Last Updated: August, 2024