

# Junhao Zhu

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## Education

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**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

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Data Lake Management, Data Preparation, Data-centric AI

## Publications

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- [1] **Junhao Zhu**, Tao Wang, Danlei Hu, Ziquan Fang, Lu Chen, Yunjun Gao, Tianyi Li, Christian S. Jensen. “T-Assess: An Efficient Quality Assessment System Tailored for Trajectory Data”. In *Proceedings of the 51th International Conference on Very Large Data Bases (VLDB’25)*, 2024, to appear.
- [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

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- “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 for Entity Matching”, **Huawei**, April 2023

## Honors & Awards

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

## Industry Experience

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**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

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**Programming Languages:** Python, C/C++, Java

**Tech Skills:** PyTorch, Tensorflow, Linux, Git, Latex

*Last Updated: November, 2024*