Xuanliang Zhang

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🎓 Education

Harbin Institute of Technology   2024.09 – Present

Faculty of Computing   Computer Science and Technology   Graduate Student

- Research Center for Social Computing and Information Retrieval (HIT-SCIR), advised by Wanxiang Che

Harbin Institute of Technology   2020.09 – 2024.06

Faculty of Computing   Artificial Intelligence   Bachelor

- GPA ranked in the top 5%

🏛 Publication

Text-to-SQL

1. Multi-Hop Table Retrieval for Open-Domain Text-to-SQL. **Xuanliang Zhang**, *Dingzirui Wang, Longxu Dou, Qingfu Zhu, Wanxiang Che. COLING 2025*

2. Improving Demonstration Diversity by Human-Free Fusing for Text-to-SQL. *Dingzirui Wang, Longxu Dou,* **Xuanliang Zhang**, *et al. EMNLP 2024 Findings*.

Table Reasoning

1. A Survey of Table Reasoning with Large Language Models. **Xuanliang Zhang**, *Dingzirui Wang, Longxu Dou, Qingfu Zhu, Wanxiang Che. FCS 2024*

Others

1. Enhancing Numerical Reasoning with the Guidance of Reliable Reasoning Processes. *Dingzirui Wang, Longxu Dou,* **Xuanliang Zhang**, *Qingfu Zhu, Wanxiang Che. ACL 2024*.

2. Semantic-Guided Generative Image Augmentation Method with Diffusion Models for Image Classification. *Bohan Li, Xiao Xu, Xinghao Wang, Yutai Hou, Yunlong Feng, Feng Wang,* **Xuanliang Zhang**, *Qingfu Zhu, Wanxiang Che. AAAI 2024*.

🔧 Evaluation

1. CCKS-IJCKG 2024 Evaluation Tasks: Bilingual Text-to-SQL evaluation (**Second Place**), Language and Knowledge Computing Professional Committee of the Chinese Information Processing Society of China, 2024.

🏆 Award

1. Outstanding Graduates of Heilongjiang Province, 2024
2. Song Qingling Future Scholarship, 2023
3. Harbin Institute of Technology Annual Outstanding Student, 2023
4. National Scholarship for Undergraduate Students, 2022