

TAO XINGJIAN

✉ taoxj2001@outlook.com

EDUCATION

The Hong Kong University of Science and Technology (Guangzhou), Guangzhou, China
Sep.2024 - Present

PhD student Data science and analytics Thrust, Information Hub

- Advisor: Prof. Jing TANG and Prof. Yiwei WANG (University of California, Merced)

South China University of Technology (SCUT), Guangzhou, China
Sep.2020 – Jul.2024

Bachelor of Engineering Information Management and Information System, School of Mathematic

- GPA: 3.71/4
- rank: 2/48

South China University of Technology (SCUT), Guangzhou, China
Sep.2019 – Aug.2020

Bachelor student School of Biology and Biological Engineering

WORK EXPERIENCE

Research Intern
Jun.2026 – Oct.2026

Tencent

Research Assistant Intern
Jul.2023 – Jul.2024

The Hong Kong University of Science and Technology (Guangzhou) DSA Thrust

- Advisor: Prof. Jing TANG

SELECTED PUBLICATIONS

ViewFusion: Structured Spatial Thinking Chains for Multi-View Reasoning 2026

- **Xingjian Tao**, Yiwei Wang, Yujun Cai, Yifan Song, Jing Tang
- *The European Conference on Computer Vision (ECCV)*, 2026.

Mitigating Coordinate Prediction Bias from Positional Encoding Failures 2026

- **Xingjian Tao**, Yiwei Wang, Yujun Cai, Yihong Luo, Jing Tang
- *Findings of Annual Meeting of the Association for Computational Linguistics (ACL)*, 2026.

Are LLMs Really Not Knowledgeable? Mining the Submerged Knowledge in LLMs' Memory
2026

- **Xingjian Tao**, Yiwei Wang, Yujun Cai, Zhicheng Yang, Jing Tang
- *The International Conference on Learning Representations (ICLR)*, 2026.

Understanding GUI Agent Localization Biases through Logit Sharpness 2025

- **Xingjian Tao**, Yiwei Wang, Yujun Cai, Zhicheng Yang, Jing Tang
- *Findings of Empirical Methods in Natural Language Processing (EMNLP)*, 2025.

Mitigating Structural Overfitting: A Distribution-Aware Rectification Framework for Missing Feature Imputation 2026

- Yifan Song, Fenglin Yu, Yihong Luo, **Xingjian Tao**, Siya Qiu, Kai Han, Jing Tang
- *ACM SIGIR Conference on Research and Development in Information Retrieval*, 2026.

EHRAG: Bridging Semantic Gaps in Lightweight GraphRAG via Hybrid Hypergraph Construction and Retrieval

2026

- Yifan Song, **Xingjian Tao**, Zhicheng Yang, Yihong Luo, Jing Tang
- *Findings of Annual Meeting of the Association for Computational Linguistics (ACL)*, 2026.

Energy-calibrated vae with test time free lunch

2024

- Yihong Luo, Siya Qiu, **Xingjian Tao**, Yujun Cai, Jing Tang
- *The European Conference on Computer Vision (ECCV)*, 2024.

ABILITIES AND SKILLS

- Programming Languages: Python C++
- Language: Chinese, English

TEACHING

- **Teaching Assistant**, DSAA 5020 (*Foundation of Data Science and Analytics*) at The Hong Kong University of Science and Technology (Guangzhou), 2025
- **Teaching Assistant**, UCMP 6050 (*Project-driven Collaborative Design Thinking*) at The Hong Kong University of Science and Technology (Guangzhou), 2026