

Experience

University of Minnesota, Twin Cities

Research Assistant

Jan. 2025 – Present

Minneapolis, MN

The Chinese University of Hong Kong, Shenzhen

Research Assistant

Jun. 2023 – Sep. 2024

Shenzhen, China

OPPO Mobile Telecommunications Corporation

Software Engineer

Jul. 2021 – Jun. 2023

Shenzhen, China

Education

University of Minnesota, Twin Cities

Computer Science, advised by Zirui Liu

Jan. 2025 – Present

Wuhan University, Wuhan

BEng in Communication Engineering

Sep. 2017 – Jun. 2021

Publications

- [ACL 2026] Zidi Xiong*, Yuping Lin*, **Wenya Xie***, Pengfei He, Zirui Liu, Jiliang Tang, Himabindu Lakkaraju, Zhen Xiang. “How Memory Management Impacts LLM Agents: An Empirical Study of Experience-Following Behavior” [PDF]
- [ACL 2026] Xin Chen, Feng Jiang, Yiqian Zhang, Hardy Chen, Shuo Yan, **Wenya Xie**, Min Yang, Shujian Huang. “Reasoning While Asking: Transforming Reasoning Large Language Models from Passive Solvers to Proactive Inquirers” [PDF]
- [npj Digital Medicine] Shuang Zhou*, **Wenya Xie***, Jiayi Li*, Zaifu Zhan, Meijia Song, ..., Ninghao Liu, Zirui Liu, Rui Zhang. “Automating Expert-Level Medical Reasoning Evaluation of Large Language Models” [PDF]
- [EMNLP 2025] **Wenya Xie***, Shaochen (Henry) Zhong*, Hoang Anh Duy Le, Zhaozhuo Xu, Jianwen Xie, Zirui Liu. “Word Salad Chopper: Reasoning Models Waste A Ton Of Decoding Budget On Useless Repetitions, Self-Knowingly.” In *Proceedings of the 2025 Conference on Empirical Methods in Natural Language Processing*. **Oral Presentation**. [PDF]
- [NeurIPS 2025] Jiayi Yuan*, Hao Li*, Xinheng Ding, **Wenya Xie**, Yu-Jhe Li, Wentian Zhao, Kun Wan, Jing Shi, Xia Hu, Zirui Liu. “Give Me FP32 or Give Me Death? Challenges and Solutions for Reproducible Reasoning.” In *Proceedings of the 38th Annual Conference on Neural Information Processing Systems*. **Oral Presentatoin**. [PDF]
- [npj Health Systems] **Wenya Xie**, Qingying Xiao, Yu Zheng, Xidong Wang, Junying Chen, Ke Ji, Anningzhe Gao, Prayag Tiwari, Xiang Wan, Feng Jiang, Benyou Wang. “Enabling Doctor-Centric Medical AI with LLMs through Workflow-Aligned Tasks and Benchmarks.” In *npj Health Systems*. [PDF]
- [ACL 2025] Moxin Li, Yong Zhao, Wenxuan Zhang, Shuaiyi Li, **Wenya Xie**, See-Kiong Ng, Tat-Seng Chua, Yang Deng. “Knowledge Boundary of Large Language Models: A Survey.” In *Proceedings of the 2025 Annual Meeting of the Association for Computational Linguistics*. **Oral Presentation**. [PDF]
- [ACL 2025 Findings] Ke Ji*, Junying Chen*, Anningzhe Gao, **Wenya Xie**, Xiang Wan, Benyou Wang. “Unlocking LLMs’ Self-Improvement Capacity with Autonomous Learning for Domain Adaptation.” In *Proceedings of the 2025 Annual Meeting of the Association for Computational Linguistics*. [PDF]
- [NAACL 2025] Wentao Ge*, Shunian Chen*, Guiming Hardy Chen*, Nuo Chen, Junying Chen, Zhihong Chen, **Wenya Xie**, Shuo Yan, Chenghao Zhu, Ziyue Lin, Dingjie Song, Xidong Wang, Anningzhe Gao, Zhiyi Zhang, Jianquan Li, Xiang Wan, Benyou Wang. “MLLM-Bench: Evaluating Multimodal LLMs with Per-sample Criteria.” In *Proceedings of the 2025 Conference of the North American Chapter of the Association for Computational Linguistics*. [PDF]
- [COLM 2024] Junying Chen, Xidong Wang, Ke Ji, Anningzhe Gao, Feng Jiang, Shunian Chen, Hongbo Zhang, Dingjie Song, **Wenya Xie**, Chuyi Kong, Jianquan Li, Xiang Wan, Haizhou Li, Benyou Wang. “HuatuogPT-II, One-stage Training for Medical Adaption of LLMs.” In *Proceedings of the First Conference on Language Modeling*. [PDF]

Awards

Data Science Initiative (DSI) Fellowship

University of Minnesota

2025

Minneapolis, MN

Services

- ARR Review