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EDUCATION

- Ph.D. UKRI CDT in Natural Language Processing, School of Informatics, UOE, 2021–2026
Member of Institute for Language, Cognition and Computation
Supervised by: Jeff Z. Pan and Mirella Lapata
- MSc. Artificial Intelligence, School of Informatics, UOE, 2020–2021
- B.Eng. Software Engineering, SCUT, 2016–2020

WORK EXPERIENCE

Resarch Intern Huawei Technologies Research & Development (UK) Ltd, 2022.7–2022.11

RESEARCH INTERESTS

Natural Language Processing: Retrieval-Augmented Generation, Multi-hop Questions Answering, Conversational Search, LLM Reasoning, Long Context LLM.

Knowledge Graph: Multi-hop KGQA.

FEATURED PUBLICATIONS

- [1] **Wenyu Huang**, Pavlos Vougiouklis, Mirella Lapata, Jeff Z. Pan, "[Masking in Multi-hop QA: An Analysis of How Language Models Perform with Context Permutation](#)", ACL 2025 (**oral**).
- [2] Hongru WANG, **Wenyu Huang**, Yufei Wang, Yuanhao Xi, Jianqiao Lu, Huan Zhang, Nan Hu, Zeming Liu, Jeff Z. Pan, Kam-Fai Wong, "[Rethinking Stateful Tool Use in Multi-Turn Dialogues: Benchmarks and Challenges](#)", Findings of ACL 2025.
- [3] Yiming Du*, **Wenyu Huang***, Danna Zheng*, Zhaowei Wang, Sebastien Montella, Mirella Lapata, Kam-Fai Wong, Jeff Z. Pan "[Rethinking Memory in AI: Taxonomy, Operations, Topics, and Future Directions](#)", 2025, Preprint.
- [4] **Wenyu Huang**, Guancheng Zhou, Hongru Wang, Pavlos Vougiouklis, Mirella Lapata, Jeff Z. Pan, "[Less is More: Making Smaller Language Models Competent Subgraph Retrievers for Multi-hop KGQA](#)", Findings of EMNLP 2024.

- [5] Hongru Wang, **Wenyu Huang**, Yang Deng, Rui Wang, Zezhong Wang, Yufei Wang, Fei Mi, Jeff Z. Pan, Kam-Fai Wong, "[UniMS-RAG: A Unified Multi-source Retrieval-Augmented Generation for Personalized Dialogue Systems](#)", 2024, Preprint.
- [6] **Wenyu Huang**, Guancheng Zhou, Mirella Lapata, Pavlos Vougiouklis, Sebastien Montella, Jeff Z. Pan, "[Prompting Large Language Models with Knowledge Graphs for Question Answering Involving Long-tail Facts](#)", 2025, Knowledge-Based Systems.
- [7] **Wenyu Huang**, Andre Melo, Jeff Z. Pan, "[A Large-scale Offer Alignment Model for Partitioning Filtering and Matching Product Offers](#)", 2024, SIGIR'24, ACM.
- [8] **Wenyu Huang**, Mirella Lapata, Pavlos Vougiouklis, Nikos Papasrantopoulos, Jeff Z. Pan, "[Retrieval Augmented Generation with Rich Answer Encoding](#)", 2023, IJCNLP-AACL 2023

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