

# Wenyu Huang

Institute for Language, Cognition and Computation  
School of Informatics  
The University of Edinburgh  
Google Scholar Semantic Scholar [w.huang@ed.ac.uk](mailto:w.huang@ed.ac.uk)

4.33 Informatics Forum  
The University of Edinburgh  
Central Campus  
Edinburgh  
EH8 9AB  
+44 (0)7759673027

## 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, Zehong 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 Papasarantopoulos, Jeff Z. Pan, "Retrieval Augmented Generation with Rich Answer Encoding", 2023, IJCNLP-AACL 2023