Yang Yang

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Website: https://yang233666.github.io/
Location: Lower Dangan, Galway, H91 AEX4, Ireland.

RESEARCH INTERESTS

- Knowledge Graphs, Trustworthy AI, Large Language Models, Agents.

EDUCATION

- September 2023 - Now: PhD student in Insight Research Ireland Centre for Data Analytics, Data Science Institute, University of Galway (Advisor: Edward Curry).

- September 2019 - June 2022: M.E. in Nankai University (Advisor: Wei Shen).

- September 2015 - June 2019: B.E. in Dalian University of Technology.

PUBLICATIONS

- **Yang Yang**, Mohan Timilsina, Edward Curry. "KGE Calibrator: An Efficient Probability Calibration Method of Knowledge Graph Embedding Models for Trustworthy Link Prediction" In EMNLP 2025.

- **Yang Yang**, Edward Curry. "Neuro-Symbolic Techniques in Open Knowledge Graph Canonicalization" In Handbook on Neurosymbolic AI and Knowledge Graphs 2025.

- **Yang Yang**, Wei Shen, Junfeng Shu, Yinan Liu, Edward Curry, Guoliang Li. "CMVC+: a Multi-View Clustering Framework for Open Knowledge Base Canonicalization via Contrastive Learning" In IEEE TKDE 2025.

- **Yang Yang**, Edward Curry. "Open Knowledge Base Canonicalization: Techniques and Challenges" In TEXT2KG Workshop at ESWC 2024.

- Wei Shen, **Yang Yang***, Yinan Liu. "Multi-View Clustering for Open Knowledge Base Canonicalization" In KDD 2022 (*Corresponding author).

- Wei Shen, Yuwei Yin, **Yang Yang**, Jiawei Han, Jianyong Wang, Xiaojie Yuan. "Toward Tweet Entity Linking with Heterogeneous Information Networks." In IEEE TKDE 2021.

- Edward Curry, Tarek Zaarour, **Yang Yang**, Mohan Timilsina, Majjed Al-Qatf, Rafiqul Haque. "Foundation Data Space Models: Bridging the Artificial Intelligence and Data Ecosystems (Vision Paper)." In IEEE BigData 2023.

- Mohan Timilsina, Samuele Buosi, Ping Song, **Yang Yang**, Rafiqul Haque, Edward Curry. "Enabling Dataspaces Using Foundation Models: Technical, Legal and Ethical Considerations and Future Trends." In IEEE BigData 2023.

EXPERIENCE AND SERVICE

- International Semantic Web Research Summer School (ISWS) 2024, Bertinoro, Italy.

- Web and Publicity Chair: Extended Semantic Web Conference (ESWC) 2025.

TEACHING EXPERIENCE

I work as a teaching assistant mainly servicing for the following courses:

- C++ Programming (2-2), March 2021 - July 2021, Nankai University
- C++ Programming (2-1), October 2020 - January 2021, Nankai University

Language

- Chinese Mandarin (Native)
- English (Fluent)

Skills

- Programming: Python, C++, Java, Git
- Frameworks: Pytorch, Tensorflow, Keras.
- Others: Microsoft Office, Latex