

# Tong ZHANG

## Contact Information

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## EDUCATION

*Doctor of Philosophy*, Computer Science and Engineering  
School of Computer Science and Engineering, Nanyang Technological University 2020 - Present  
Supervisor: Prof. Boyang Li

*Bachelor of Engineering*, Computer Science and Engineering  
Taishan College, Shandong University 2016 - 2020  
Supervisors: Prof. Jianhua Yin and Prof. Liqiang Nie

## PROFESSIONAL EXPERIENCES

*Research Assistant*  
Active Living for the ElderLY (LILY), Nanyang Technological University 2019 - 2020  
Supervisors: Dr. Di Wang and Prof. Chunyan Miao

## PUBLICATIONS

**Tong Zhang**, X. Jessie Yang, Boyang Li. May I Ask a Follow-up Question? Understanding the Benefits of Conversations in Neural Network Explainability. *International Journal of Human-Computer Interaction*, 2024.

**Tong Zhang**, Yong Liu, Boyang Li, Zhiwei Zeng, Pengwei Wang, Yuan You, Chunyan Miao, and Lizhen Cui. History-Aware Hierarchical Transformer for Multi-session Open-domain Dialogue System. In *the 2022 Conference on Empirical Methods in Natural Language Processing (Findings)*, Abu Dhabi, UAE. 2022.

**Tong Zhang**, Yong Liu, Peixiang Zhong, Chen Zhang, Hao Wang, Chunyan Miao, and Boyang Li. Toward Knowledge-Enriched Conversational Recommendation System. In *the 4th Workshop on NLP for ConvAI*. Dublin, Ireland. 2022.

**Tong Zhang**, Di Wang, Huanhuan Chen, Zhiwei Zeng, Wei Guo, Chunyan Miao and Lizhen Cui. BDANN: BERT-based domain adaptation neural network for multi-modal fake news detection. In

*International Joint Conference on Neural Networks.* Glasgow, UK. 2020.

Yongjie Wang, **Tong Zhang**, Xu Guo, Zhiqi Shen. Gradient based Feature Attribution in Explainable AI: A Technical Review. arXiv preprint arXiv:2403.10415.

## **PROFESSIONAL SERVICES**

### **Program Committee Member / Reviewer**

- ACL Rolling Review (2023); EMNLP (2021-2023); ACL (2022-2023); KDD (2022)
- IEEE Transactions on Audio, Speech and Language Processing
- IEEE Transactions on Neural Networks and Learning Systems