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Research Interest	Natural Language Processing, Large Language Models			
Research	National Centre for Text Mining (NaCTeM),			7
Centre	The University of Manchester			



★ EDUCATION

2017.9-2021.9 Harbin Institute of Technology Computer Science (Bachelor of Engineering)

♦ Thesis

Title: Introduction of Commonsense and Sentiment Lexicon Knowledge to Emotion Recognition in Conversations (In Chinese)

Final Score:90.3/100 Class Ranking:1/32

2022.1-Now The University of Manchester Computer Science (Doctor of Philosophy)

- ♦ Supervisors: Prof. Sophia Ananiadou and Dr. Junichi Tsujii
- ♦ Funding source: President's Doctoral Scholar Award

★ SELECTED PUBLICATIONS

Google Scholar

- → Kailai Yang, Zhiwei Liu, Qianqian Xie, Tianlin Zhang, Jimin Huang, Sophia Ananiadou. "MetaAligner:

 Towards Generalizable Multi-Objective Alignment of Language Models". Preprint.

 Towards Generalizable Multi-Objective Alignment of Language Models.

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- ★ Kailai Yang, Tianlin Zhang, Ziyan Kuang, Qianqian Xie, Sophia Ananiadou, Jimin Huang. "MentaLLaMA: Interpretable Mental Health Analysis on Social Media with Large Language Models". In WWW 2024.
- ♦ Kailai Yang, Shaoxiong Ji, Tianlin Zhang, Qianqian Xie, Ziyan Kuang, Sophia Ananiadou. "Towards Interpretable Mental Health Analysis with Large Language Models". In EMNLP 2023.
- ★ Kailai Yang, Tianlin Zhang, Shaoxiong Ji, Sophia Ananiadou. "A Bipartite Graph is All We Need for Enhancing Emotional Reasoning with Commonsense Knowledge". In CIKM 2023.
- Kailai Yang*, Yunhe Xie*, Chengjie Sun, Bingquan Liu, Zhenzhou Ji. "Knowledge-Interactive Network with Sentiment Polarity Intensity-Aware Multi-Task Learning for Emotion Recognition in Conversations". In EMNLP 2021 findings.
- Kailai Yang, Tianlin Zhang, Hassan Alhuzali, Sophia Ananiadou. "Cluster-Level Contrastive Learning for Emotion Recognition in Conversations". In IEEE Transactions on Affective Computing.
- → Kailai Yang, Tianlin Zhang, Sophia Ananiadou. "<u>Disentangled Variational Autoencoder for Emotion</u>
 Recognition in Conversations". In IEEE Transactions on Affective Computing.
- Kailai Yang, Tianlin Zhang, Sophia Ananiadou. "A Mental State Knowledge-Aware and Contrastive Network for Early Stress and Depression Detection on Social Media". In Information Processing & Management.

* Internship

Teaching assistant.

♦ The University of Manchester. Manchester, UK. Jul 2023 – Present

Research Intern.

- National Institute of Advanced Industrial Science and Technology. Tokyo, Japan. Nov 2022 Aug 2023
- ♦ UC Irvine Donald Bren School of Information and Computer Sciences. Irvine, USA. Jun 2020 Sep 2020
- ♦ Harbin Institute of Technology. Harbin, China. Dec 2020 July 2021