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Major	Computer Science, Natural Language Processing		
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#### **★ EDUCATION**

#### 2017.9-2021.7 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

# 2021.9-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, 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 Recognition in Conversations</u>". 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
- ♦ Intelligent Technology & Natural Language Processing Lab, Harbin Institute of Technology. Harbin, China. Dec 2020 - July 2021