# Yuxin Jiang

Ph.D Student · Natural Language Processing

Preference Base: Greater Bay Area, China

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Education \_\_\_\_\_

# The Hong Kong University of Science and Technology (HKUST)

Hong Kong SAR

Ph.D in Data Science and Analytics

Sep. 2021 - Jul. 2025 (Expected)

Research Interests: Alignment of Large Language Models, Contrastive Learning

#### The Hong Kong University of Science and Technology (HKUST)

Hong Kong SAR

M.S. in Big Data and Technology GPA: 4.0/4.3, Top 5%

Sep. 2020 - Jul. 2021

Excellent Student Scholarship

### Shanghai University (SHU)

Shanghai, China

B.S. in Mathematics and Applied Mathematics GPA: 3.7/4.0, Top 10%

Sep. 2016 - Jul. 2020

Outstanding Graduates of Shanghai

Research and Work Experience \_\_\_\_

# Speech and Semantic Group, Huawei Noah's Ark Lab

Hong Kong SAR

Advisor: Dr. Yufei Wang

Sep. 2023 - Feb. 2024

Research Intern: Instruction-Following/Multi-Turn/Long-Context Evaluation of LLMs, Knowledge Editing

## Information Hub, The Hong Kong University of Science and Technology

Guangzhou, China

Advisor: Prof. Wei Wang

Sep. 2021 - Jul. 2025

Ph.D Research: Instruction Tuning of Large Language Models, Contrastive Learning, Discourse Analysis

Publications

(First Author: 6 papers, Accepted: 7 papers, Total: 12 papers. Click here to see more.)

#### The following are 7 accepted publications:

- [1] Yuxin Jiang, Chunkit Chan, Mingyang Chen, Wei Wang. Lion: Adversarial Distillation of Proprietary Large Language Models. EMNLP 2023 (Oral). [Paper]
- [2] Yuxin Jiang, Linhan Zhang, Wei Wang. Global and Local Hierarchy-aware Contrastive Framework for Implicit Discourse Relation Recognition. ACL 2023 (Findings). [Paper]
- [3] Yuxin Jiang, Linhan Zhang, Wei Wang. Improved Universal Sentence Embeddings with Prompt-based Contrastive Learning and Energy-based Learning. **EMNLP 2022 (Findings)**. [Paper]
- [4] Yuxin Jiang, Ziyi Shou, Qijun Wang, Hao Wu, Fangzhen Lin. XRJL-HKUST at SemEval-2021 Task 4: WordNet-Enhanced Dual Multi-head Co-Attention for Reading Comprehension of Abstract Meaning. SemEval 2021 (ACL Workshop). <u>Paper</u>
- [5] Ziyi Shou, Yuxin Jiang, Fangzhen Lin. AMR-DA: Data Augmentation by Abstract Meaning Representation. ACL 2022 (Findings). [Paper]
- [6] Chunkit Chan, Jiayang Cheng, Weiqi Wang, Yuxin Jiang, Tianqing Fang, Xin Liu, Yanggiu Song. Exploring the Potential of ChatGPT on Sentence Level Relations: A Focus on Temporal, Causal, and Discourse Relations. EACL 2024 (Findings). [Paper]
- [7] Linhan Zhang, Qian Chen, Wen Wang, Chong Deng, Xin Cao, Kongzhang Hao, Yuxin Jiang, Wei Wang. Weighted Sampling for Masked Language Modeling. ICASSP 2023 (Top 3% Paper Recognition). [Paper]

#### The following are 5 under-review manuscripts:

- [8] **Yuxin Jiang**, Yufei Wang, Chuhan Wu, Wanjun Zhong, Xingshan Zeng, Jiahui Gao, Liangyou Li, Xin Jiang, Lifeng Shang, Ruiming Tang, Qun Liu, Wei Wang. *Learning to Edit: Aligning LLMs with Knowledge Editing*. **Under-Review**. [Paper]
- [9] **Yuxin Jiang**, Yufei Wang, Xingshan Zeng, Wanjun Zhong, Liangyou Li, Fei Mi, Lifeng Shang, Xin Jiang, Qun Liu, Wei Wang. *FollowBench: A Multi-level Fine-grained Constraints Following Benchmark for Large Language Models*. **Under-Review**. [Paper]
- [10] Wai-Chung Kwan, Xingshan Zeng, **Yuxin Jiang**, Yufei Wang, Liangyou Li, Lifeng Shang, Xin Jiang, Qun Liu, Kam-Fai Wong. *MT-Eval: A Multi-Turn Capabilities Evaluation Benchmark for Large Language Models*. **Under-Review**. [Paper]
- [11] Wai-Chung Kwan, Xingshan Zeng, Yufei Wang, Yusen Sun, Liangyou Li, **Yuxin Jiang**, Lifeng Shang, Xin Jiang, Qun Liu, Kam-Fai Wong. *M4LE: A Multi-Ability Multi-Range Multi-Task Multi-Domain Long-Context Evaluation Benchmark for Large Language Models*. **Under-Review**.
- [12] Linhan Zhang, Qian Chen, Wen Wang, **Yuxin Jiang**, Bing Li, Wei Wang, Xin Cao. *Exploiting Correlations Between Contexts and Definitions with Multiple Definition Modeling*. **Under-Review**. [Paper]

# Honors and Awards \_\_\_\_\_ 2023 Research Travel Grant Award, HKUST **Top 3% Paper Recognition**, ICASSP 2023 2021 Postgraduate Studentship (Top 5%), HKUST School of Engineering Excellent Student Scholarship (Top 5%), HKUST School of Engineering Entrance Scholarship (Top 5%), HKUST 2020 Outstanding Graduates of Shanghai (Top 1%), Shanghai Municipal Education Commission 2019 Third Prize at Science and Technology Innovation Competition for Undergraduates (Top 10%) 2016-19 Grand Prize Scholarship (Top 3%), Shanghai University Leadership Scholarship (Top 3%), Shanghai University Excellent Student (Top 3%), Shanghai University Teaching Experience \_\_\_\_\_ **Teaching Assistant**, Career Development for Information Hub Students 2024

**Programming Skills:** Python, Matlab, C++, HTML, etc.

Skills \_\_\_\_\_

Languages: English (IELTS 7.0, GRE 324), Mandarin Chinese (Native), Cantonese (Elementary), Hokkien (Elementary).

**Teaching Assistant**, Information Science and Technology: Essentials and Trends

Miscs: Swimming, Photography.

2022