JIAN XIE

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Looking for a U.S. PhD position in 2025 Fall.

EDUCATION

Fudan University, Shanghai, China.   2022 - Present
Master in Computer Science.
Zhejiang University City College, Hangzhou, China.   2018 - 2022
B.S. in Computer Science.

PUBLICATIONS

(* indicates equal contribution, # indicates work (co-)supervised by me)

1. **# How Easily do Irrelevant Inputs Skew the Responses of Large Language Models?**
   Siye Wu*, **Jian Xie***, Jiangjie Chen, Tinghui Zhu, Zhang Kai, Yanghua Xiao.
   COLM 2024 & KnowledgeNLP@ACL 2024 (Oral).

2. **Deductive Beam Search: Decoding Deducible Rationale for Chain-of-Thought Reasoning**
   Tinghui Zhu*, Kai Zhang*, **Jian Xie**, Yu Su.
   COLM 2024.

3. **TravelPlanner: A Benchmark for Real-World Planning with Language Agents**
   Jian Xie*, Kai Zhang*, Jiangjie Chen, Tinghui Zhu, Renze Lou, Yuandong Tian, Yanghua Xiao, Yu Su.
   ICML 2024 Spotlight (3.5%).

4. **Adaptive Chameleon or Stubborn Sloth: Revealing the Behavior of Large Language Models in Knowledge Conflicts**
   Jian Xie*, Kai Zhang*, Jiangjie Chen, Renze Lou, Yu Su.
   ICLR 2024 Spotlight (5%).

5. **Empowering Biomedical Named Entity Recognition through Multi-Tagger Collaboration**
   Jin Zhao, **Jian Xie**, Tinghui Zhu, Qian Guo, Yanghua Xiao, Zhixu Li.
   ECAI 2024.

6. **MUFFIN: Curating Multi-Faceted Instructions for Improving Instruction-Following**
   Renze Lou, Kai Zhang, **Jian Xie**, Yuxuan Sun, Janice Ahn, Hanzi Xu, Yu Su, Wenpeng Yin.
   ICLR 2024.

7. **QUERT: Continual Pre-training of Language Model for Query Understanding in Travel Domain Search**
   Jian Xie, Yidan Liang, Jingping Liu, Yanghua Xiao, Baohua Wu, Shenghua Ni
   KDD 2023.

8. **Improving NER in Social Media via Entity Type-Compatible Unknown Word Substitution**
   Jian Xie*, Kai Zhang*, Lin Sun, Yindu Su, Chenxiang Xu
   ICASSP 2021.

9. **From Persona to Personalization: A Survey on Role-Playing Language Agents**
   Jiangjie Chen*, Xintao Wang*, Rui Xu*, Siyu Yuan*, Yikai Zhang*, Wei Shi*, **Jian Xie***,
   Shuang Li, Ruihan Yang, Tinghui Zhu, Aili Chen, Nianqi Li, Lida Chen, Caiyu Hu, Siye Wu,
   Scott Ren, Ziquan Fu, Yanghua Xiao
   arXiv Preprint.

EXPERIENCE

The Ohio State University (Remote)   Mar. 2023 - Feb. 2024
· Role: Research Intern
· Advisor: Yu Su

Knowledge Works Lab at Fudan University (Shanghai)   Sept. 2022 - Present

· Role: Student Researcher
· Advisor: Yanghua Xiao

Alibaba Group (Hangzhou)   Jul. 2022 - Jan. 2023

· Role: Research Intern
· Host: Baohua Wu

AWARDS

- Zhejiang Provincial Government Scholarship   2022

- Fudan Tencent Scholarship   2023

ACADEMIC SERVICE

Reviewer   EMNLP2023, COLM2024, LLMAgents@ICLR2024
Secondary Reviewer   AAAI2023, ACL2023, KDD2023, ECML2023, ISWC2023

SKILLS

Programming Languages   Python > C/C++ > JAVA $\approx$ SQL
Frameworks   OpenAI APIs & Langchain & Transformers & Pytorch