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)

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.
   arXiv Preprint.

2. **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.
   arXiv Preprint.

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

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. **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.

6. **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.

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

EXPERIENCE

The Ohio State University (Remote)   Mar. 2023 - Precent
· 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 ≈ SQL
Framework   OpenAI APIs & Langchain & Transformers & Pytorch
Languages   Mandarin - Native & English - TOEFL 102 (S23)