

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)

- 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.
- # 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.
- Deductive Beam Search: Decoding Deducible Rationale for Chain-of-Thought Reasoning**
Tinghui Zhu*, Kai Zhang*, **Jian Xie**, Yu Su.
arXiv Preprint.
- 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%)**.
- 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 (3.5%)**.
- 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.
- 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.
- 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 - 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 AAI2023, ACL2023, KDD2023, ECML2023, ISWC2023

SKILLS

Programming Languages Python > C/C++ > JAVA ≈ SQL
Frameworks OpenAI APIs & Langchain & Transformers & Pytorch
Languages Mandarin - Native & English - TOEFL 102 (S23)