

JIAN XIE

✉ jianx0321@gmail.com | 🌐 <https://hsaest.github.io/>

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

EDUCATION

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

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

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| • Zhejiang Provincial Government Scholarship | 2022 |
| • Fudan Tencent Scholarship | 2023 |

ACADEMIC SERVICE

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

SKILLS

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