

YUNXIANG ZHANG

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EDUCATION

University of Michigan – Ann Arbor
Ph.D. in Computer Science and Engineering
Advisor: Prof. [Lu Wang](#)

Sep. 2022 – Present

Peking University
B.S. in Geographic Information Science
Advisor: Prof. [Xiaojun Wan](#)

Sep. 2018 – Jul. 2022

PUBLICATIONS

1. [Small Language Models Need Strong Verifiers to Self-Correct Reasoning](#)
Yunxiang Zhang, Muhammad Khalifa, Lajanugen Logeswaran, Jaekyeom Kim, Moontae Lee, Honglak Lee, Lu Wang. In *Findings of the Association for Computational Linguistics: ACL 2024 (Findings of ACL 2024)*.
2. [Merging Generated and Retrieved Knowledge for Open-Domain QA](#)
Yunxiang Zhang, Muhammad Khalifa, Lajanugen Logeswaran, Moontae Lee, Honglak Lee, Lu Wang. In *Proceedings of the 2023 Conference on Empirical Methods in Natural Language Processing (EMNLP 2023)*.
3. [SituatingGen: Incorporating Geographical and Temporal Contexts into Generative Commonsense Reasoning](#)
Yunxiang Zhang, Xiaojun Wan. In *Advances in Neural Information Processing Systems 36: Annual Conference on Neural Information Processing Systems 2023 (NeurIPS Datasets and Benchmarks 2023)*.
4. [Investigating Zero- and Few-shot Generalization in Fact Verification](#)
Liangming Pan*, **Yunxiang Zhang*** and Min-Yen Kan. In *The 13th International Joint Conference on Natural Language Processing and the 3rd Conference of the Asia-Pacific Chapter of the Association for Computational Linguistics (IJCNLP-AAACL 2023)*.
5. [MOVER: Mask, Over-generate and Rank for Hyperbole Generation](#)
Yunxiang Zhang, Xiaojun Wan. In *Proceedings of the 2022 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL 2022)*.
6. [Interpreting the Robustness of Neural NLP Models to Textual Perturbations](#)
Yunxiang Zhang, Liangming Pan, Samson Tan, Min-Yen Kan. In *Findings of the Association for Computational Linguistics: ACL 2022 (Findings of ACL 2022)*.
7. [BiRdQA: A Bilingual Dataset for Question Answering on Tricky Riddles](#)
Yunxiang Zhang, Xiaojun Wan. In *Proceedings of the Thirty-Sixth AAAI Conference on Artificial Intelligence (AAAI 2022)*.

RESEARCH EXPERIENCE

Research Intern at Microsoft Research, Montreal
Mentor: [Xingdi Yuan](#), [Alessandro Sordoni](#)
Topics: reward model for LLM reasoning

May. 2024 – Aug. 2024

Graduate Student Research Assistant at University of Michigan *Sep. 2022 – Present*

Advisor: Prof. [Lu Wang](#)

Topics: knowledge and reasoning in large language model

Research Intern at National University of Singapore *Jun. 2021 – Jan. 2022*

Advisor: Prof. [Min-Yen Kan](#)

Topics: robustness in NLP, fact verification

Undergraduate Research Assistant at Peking University *Nov. 2020 – Jun. 2022*

Advisor: Prof. [Xiaojun Wan](#)

Topics: question answering, text generation, computational creativity

HONORS & AWARDS

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| Best Lightning Talk, 3rd Data Science Student Conference (DISC) at MSU | 2023 |
| AAAI-22 Student Scholarship | 2022 |
| May 4th Scholarship, Peking University | 2020 |
| Merit Student Pacesetter, Peking University | 2020 |
| Robin Li Scholarship, Peking University | 2019 |
| Merit Student, Peking University | 2019 |

PROFESSIONAL SERVICE

Student Volunteer, ACL 2024

Program Committee Member / Reviewer: AISTATS (2025), ICLR (2025), NeurIPS (2024), ACL 2024 KnowledgeNLP Workshop, COLM (2024), EMNLP (2022, 2023, 2024), ACL (2023), CoNLL (2023, 2024), ML4Health (2023), ACM Computing Surveys

TALKS

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| <i>Merging Generated and Retrieved Knowledge for Open-Domain QA.</i> EMNLP | Dec. 2023 |
| <i>Merging Generated and Retrieved Knowledge for Open-Domain QA.</i> MSU | Nov. 2023 |
| <i>MOVER: Mask, Over-generate and Rank for Hyperbole Generation.</i> NAACL | Jul. 2022 |

MENTORING

Xinnuo Li (BS @ UMich 25'), Yufan Wu (BS @ UMich & SJTU 24' → PhD @ OSU), Fan Xu (BS @ PKU 23' → PhD @ PKU)

SKILLS

Programming: Python, C/C++, SQL

Tools & Frameworks: Pytorch, Huggingface, NLTK, \LaTeX , Git, Vim, Linux