

YUNXIANG ZHANG

Phone: (+1) 734-834-5492 ◊ Email: yunxiang@umich.edu ◊ Homepage: yunx-z.github.io

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: data synthesis for large language model

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

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

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

TALKS

<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