

Wenxuan Ding

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EDUCATION

The University of Texas at Austin

Sept 2024 - present

Ph.D. Student in Computer Science

The Hong Kong University of Science and Technology

Sept 2020 - Jun 2024

B.E. in Computer Science, Minor in Mathematics

University of Illinois Urbana-Champaign

Sept 2022 - Dec 2022

Exchange Student, The Grainger College of Engineering

PUBLICATIONS

Preprints

Varying Shades of Wrong: Aligning LLMs with Wrong Answers Only

Jihan Yao*, Wenxuan Ding*, Shangbin Feng*, Lucy Lu Wang, and Yulia Tsvetkov.

In *arxiv 2024*

On the Role of Entity and Event Level Conceptualization in Generalizable Reasoning: A Survey of Tasks, Methods, Applications, and Future Directions

Weiqi Wang, Tianqing Fang, Haochen Shi, Baixuan Xu, Wenxuan Ding, Liyu Zhang, Wei Fan, Jiaxin Bai, Haoran Li, Xin Liu, and Yangqiu Song.

In *arxiv 2024*

2024

Teaching LLMs to Abstain across Languages via Multilingual Feedback

Shangbin Feng, Weijia Shi, Yike Wang, Wenxuan Ding, Orevaoghene Ahia, Shuyue Stella Li, Vidhisha Balachandran, Sunayana Sitaram, and Yulia Tsvetkov.

In *EMNLP 2024*

IntentionQA: A Benchmark for Evaluating Purchase Intention Comprehension Abilities of Language Models in E-commerce

Wenxuan Ding*, Weiqi Wang*, Sze Heng Douglas Kwok, Minghao LIU, Tianqing Fang, Jiaxin Bai, Xin Liu, Changlong Yu, Zheng Li, Chen Luo, Qingyu Yin, Bing Yin, Junxian He, and Yangqiu Song.

In *Findings of EMNLP 2024*

MIND: Multimodal Shopping Intention Distillation from Large Vision-language Models for E-commerce Purchase Understanding

Baixuan Xu*, Weiqi Wang*, Haochen Shi, Wenxuan Ding, Huihao Jing, Tianqing Fang, Jiaxin Bai, Xin Liu, Changlong Yu, Zheng Li, Chen Luo, Qingyu Yin, Bing Yin, Long Chen, and Yangqiu Song.

In *EMNLP 2024*

Don't Hallucinate, Abstain: Identifying LLM Knowledge Gaps via Multi-LLM Collaboration

Shangbin Feng, Weijia Shi, Yike Wang, Wenxuan Ding, Vidhisha Balachandran, and Yulia Tsvetkov.

In *ACL 2024*

Outstanding Paper Award (top 1%); Area Chair Award, QA Track

Knowledge Crosswords: Geometric Knowledge Reasoning with Large Language Models

Wenxuan Ding*, Shangbin Feng*, Yuhan Liu, Zhaoxuan Tan, Vidhisha Balachandran, Tianxing He, and Yulia Tsvetkov.

In *Findings of ACL 2024*

CANDLE: Iterative Conceptualization and Instantiation Distillation from Large Language Models for Commonsense Reasoning

Weiqi Wang, Tianqing Fang, Chunyang Li, Haochen Shi, Wenxuan Ding, Baixuan Xu, Zhaowei Wang, Jiaxin Bai, Xin Liu, Cheng Jiayang, Chunkit Chan, and Yangqiu Song.

In *ACL 2024*

2023

CAR: Conceptualization-Augmented Reasoner for Zero-Shot Commonsense Question Answering

Weiqi Wang*, Tianqing Fang*, Wenxuan Ding, Baixuan Xu, Xin Liu, Yangqiu Song, and Antoine Bosselut.

In *Findings of EMNLP 2023*

QADYNAMICS: Training Dynamics-Driven Synthetic QA Diagnostic for Zero-Shot Commonsense Question Answering

Haochen Shi*, Weiqi Wang*, Tianqing Fang, Baixuan Xu, Wenxuan Ding, Xin Liu, and Yangqiu Song.

In *Findings of EMNLP 2023*.

HONORS & AWARDS

Outstanding Paper Award, ACL 2024	2024
Area Chair Award, ACL 2024	2024
Dean's List for all active semesters at HKUST	2020-2024
University's Scholarship for Continuing Undergraduate Students (top 2%)	2021/22, 2022/23, 2023/24
The Joseph Lau Luen Hung Charitable Trust Scholarship	2023/24
VTech Group of Companies Scholarship	2022/23
Chiaphua Industries Limited Scholarships for Chinese Mainland Undergraduate Students	2021/22

SERVICES

Reviewer for ICLR 2024	2024
Reviewer for ACL Rolling Review	2023, 2024

TEACHING

Undergraduate Teaching Assistant of COMP 2211 - Exploring Artificial Intelligence	Spring 2023
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SKILLS

Python, C/C++, Oracle SQL, Java, JS
PyTorch, HTML, Flask, Git, GDB, L^AT_EX