

# Wenxuan Ding

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## EDUCATION

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### New York University

*Ph.D. Student in Computer Science*

Sept 2025 - Present

### The University of Texas at Austin

*Ph.D. Student in Computer Science*

Sept 2024 - Aug 2025

### The Hong Kong University of Science and Technology

*B.E. in Computer Science, Minor in Mathematics*

Sept 2020 - Jun 2024

### University of Illinois Urbana-Champaign

*Exchange Student, The Grainger College of Engineering*

Sept 2022 - Dec 2022

## PUBLICATIONS

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### Preprints

#### When One LLM Drools, Multi-LLM Collaboration Rules

Shangbin Feng, Wenxuan Ding, Alisa Liu, Zifeng Wang, Weijia Shi, Yike Wang, Zejiang Shen, Xiaochuang Han, Hunter Lang, Chen-Yu Lee, Tomas Pfister, Yejin Choi, and Yulia Tsvetkov.

In *arxiv 2025*

### 2025

#### Sparta Alignment: Collectively Aligning Multiple Language Models through Combat

Yuru Jiang\*, Wenxuan Ding\*, Shangbin Feng\*, Greg Durrett, Yulia Tsvetkov

In *NeurIPS 2025*

#### ChartMuseum: Testing Visual Reasoning Capabilities of Large Vision-Language Models

Liyan Tang, Grace Kim, Xinyu Zhao, Thom Lake, Wenxuan Ding, Fangcong Yin, Prasann Singhal, Manya Wadhwa, Zeyu Leo Liu, Zayne Sprague, Ramya Namuduri, Bodun Hu, Juan Diego Rodriguez, Puyuan Peng, Greg Durrett

In *NeurIPS 2025*

#### 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 *Findings of EMNLP 2025*

#### RankAlign: A Ranking View of the Generator-Validator Gap in Large Language Models

Juan Diego Rodriguez\*, Wenxuan Ding\*, Katrin Erk, and Greg Durrett.

In *COLM 2025*

#### Varying Shades of Wrong: Aligning LLMs with Wrong Answers Only

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

In *ICLR 2025*

### 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**

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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**

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Reviewer for ICLR	2024
Reviewer for NeurIPS	2025

## TEACHING

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Undergraduate Teaching Assistant of COMP 2211 - Exploring Artificial Intelligence

Spring 2023

## SKILLS

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Python, C/C++, Oracle SQL, Java, JS, PyTorch, HTML, Flask, Git, GDB, L<sup>A</sup>T<sub>E</sub>X