

Liqiang Jing

CONTACT

 jingliqinag6@gmail.com

 [Website](#)

 [Google Scholar](#)

 [Linkedin](#)

EDUCATION

| | |
|---|---------------------|
| The University of Texas at Dallas , Dallas, USA | Aug 2023 – Present |
| Ph.D. degree in Computer Science | |
| Advisor: Xinya Du | |
| Shandong University , Qingdao, China | Sep 2020 – Jun 2023 |
| M.S. degree in Computer Technology | |
| Advisor: Xuemeng Song and Liqiang Nie | |
| Outstanding Graduates Award | |
| Hefei University of Technology , Xuancheng, China | Sep 2016 – Jun 2020 |
| B.E. in Computer Science and Engineering | |
| Outstanding Graduates Award | |

RESEARCH SUMMARY

I published **25+** top-tier AI/NLP papers (12 first-author papers), with **750+** Google Scholar citations. My research interests are **multimodal learning and natural language processing**, specifically in **Evaluation and Alignment for Large Vision-Language Models (LVLMs)/Large Language Models (LLMs)**, and **LLMs/LVLMs as Agents for Real-world Tasks**, such as AI4Science.

INDUSTRIAL EXPERIENCE

| | |
|--|---------------------|
| Amazon Web Services(AWS) , Seattle, USA | May 2025 – Aug 2025 |
| Applied Scientist Intern in the Bedrock | |
| Mentor: Xiong Zhou , Evangelia Spiliopoulou , Ioannidis Vassilis | |
| Tencent , Bellevue, USA | May 2024 – Aug 2024 |
| Research Intern in the AI Lab, Tencent America | |
| Mentor: Xiaoyang Wang , Wenhao Yu , Wenlin Yao , Kaixin Ma , Dong Yu | |
| Alibaba Group , Hangzhou, China | May 2021 – Sep 2022 |
| Research Intern in the Damo Academy | |
| Mentor: Xuming Lin , Xinxing Zu , and Zhongzhou Zhao | |

SELECTED AWARDS & HONORS

| | |
|---|--------|
| Best Short Paper Candidate, CIKM | , 2025 |
| Best Paper Award, AAAI AI4Research | 2025 |
| Lambda's Research Grant Program | 2025 |
| Louis Beechler, Jr. Graduate Fellowship, University of Texas at Dallas | 2025 |
| ICLR Financial Assistance | 2025 |
| Anthropic AI Safety Fellowship, Final Round (~100/2000+ globally), | 2025 |
| OpenAI Researcher Access Program Award | 2025 |
| OpenAI Researcher Access Program Award | 2024 |
| Amazon Trusted AI Challenge, Global Top 10 Selection (Team Leader) | 2024 |
| ACM SIGIR Student Travel Award | 2022 |

| | | |
|---------------|--|------------------|
| | Outstanding Graduate Student, Shandong University | 2022 |
| | Outstanding Graduate Student, HFUT | 2020 |
| | First Class Scholarship, HFUT | 2018, 2019 |
| | National Encouragement Scholarship, HFUT | 2017, 2018, 2019 |
| PAPERS | Note: [†] denotes publications in which I led or co-led the research. * indicates equal contributions. | |
| [1] | FIFA: Unified Faithfulness Evaluation Framework for Text-to-Video and Video-to-Text Generation. Liqiang Jing , Viet Lai, Seunghyun Yoon, Trung Bui, Xinya Du <i>Under review by the Annual Meeting of the Association for Computational Linguistics (ACL), 2026.</i> | |
| [2] | A Comprehensive Analysis for Visual Object Hallucination in Large Vision-Language Models. Liqiang Jing , Guiming Hardy Chen, Ehsan Aghazadeh, Xin Eric Wang, Xinya Du <i>Under review by the Annual Meeting of the Association for Computational Linguistics (ACL), 2026.</i> | |
| [3] | Learning to Generate Research Idea with Dynamic Control. Ruochen Li, Liqiang Jing , Chi Han, Jiawei Zhou, Xinya Du <i>Under review by the Annual Meeting of the Association for Computational Linguistics (ACL), 2026.</i> Best Paper Award at AAAI AI4Research | |
| [4] | Multimodal Reference Visual Grounding. Yangxiao Lu, Ruosen Li, Liqiang Jing, Jikai Wang, Xinya Du, Yunhui Guo, Nicholas Ruozzi, Yu Xiang Liqiang Jing , Guiming Hardy Chen, Ehsan Aghazadeh, Xin Eric Wang, Xinya Du <i>Under review by the International Conference on Robotics and Automation (ICRA), 2026.</i> | |
| [5] | Dr.V: A Hierarchical Perception-Temporal-Cognition Framework to Diagnose Video Hallucination by Fine-grained Spatial-Temporal Grounding. Meng Luo, Shengqiong Wu, Liqiang Jing , Tianjie Ju, Li Zheng, Jinxiang Lai, Tianlong Wu, Xinya Du, Jian Li, Siyuan Yan, Jiebo Luo, William Yang Wang, Hao Fei, Mong-Li Lee, Wynne Hsu <i>Under review by International Journal of Computer Vision (IJCV).</i> | |
| [6] | LMR-Bench: Evaluating LLM Agent's Ability on Reproducing Language Modeling Research Shuo Yan*, Ziming Luo*, Zimu Wang*, Ruochen Li*, Daoyang Li*, Liqiang Jing [†] , Kaiyu He, Peilin Wu, Juntong Ni, George Michalopoulos, Yue Zhang, Ziyang Zhang, Mian Zhang, Zhiyu Chen, Xinya Du <i>In Conference on Empirical Methods in Natural Language Processing (EMNLP), 2025.</i> | |
| [7] | FIHA: Autonomous Hallucination Evaluation in Vision-Language Models with Davidson Scene Graphs Liqiang Jing [*] , Bowen Yan [*] , Zhengsong Zhang [*] , Eftekhar Hossain, Xinya Du <i>In Findings of the Annual Meeting of the Association for Computational Linguistics (ACL), 2025.</i> | |
| [8] | Can Large Vision-Language Models Understand Multimodal Sarcasm? Xinyu Wang [*] , Yue Zhang [*] , Liqiang Jing [†] <i>In ACM International Conference on Information and Knowledge Management (CIKM), 2025.</i> | |
| | Best Paper Candidate | |

- [9] **FGAIF: Aligning Large Vision-Language Models with Fine-grained AI Feedback.**
Liqiang Jing, Xinya Du
In Transactions on Machine Learning Research (TMLR), 2025
- [10] **Defeasible Visual Entailment: Benchmark, Evaluator, and Reward-Driven Optimization.**
Yue Zhang, **Liqiang Jing[†]**, Vibhav Gogate
In Annual AAAI Conference on Artificial Intelligence (AAAI), 2025
- [11] **Fine-grained and Explanable Factuality Evaluation for Multimodal Summarization.**
Yue Zhang, Jingxuan Zuo, **Liqiang Jing[†]**
In AAAI-25 Workshop on Document Understanding and Intelligence (AAAI), 2025
- [12] **Sentiment-enhanced Graph-based Sarcasm Explanation in Dialogue.**
Kun Ouyang, **Liqiang Jing[†]**, Xuemeng Song, Meng Liu, Yupeng Hu, Liqiang Nie
In IEEE Transactions on Multimedia (TMM), 2025
- [13] **DSBench: How Far Are Data Science Agents to Becoming Data Science Experts?**
Liqiang Jing, Zehui Huang, Xiaoyang Wang, Wenlin Yao, Wenhao Yu, Kaixin Ma, Hongming Zhang, Xinya Du, Dong Yu
In the International Conference on Learning Representations (ICLR), 2025
HuggingFace #1 Paper of the day
Used by OpenAI for ChatGPT agent evaluation in OpenAI official blog
- [14] **Debiasing Multimodal Sarcasm Detection with Contrastive Learning.**
Mengzhao Jia, Can Xie, **Liqiang Jing[†]**
In Annual AAAI Conference on Artificial Intelligence (AAAI), 2024
- [15] **Knowledge-enhanced Memory Model for Emotional Support Conversation.**
Mengzhao Jia, Qianglong Chen, **Liqiang Jing**, Dawei Fu, Renyu Li
In AAAI Machine Learning for Cognitive and Mental Health Workshop (AAAI), 2024
- [16] **VK-G2T: Vision and Context Knowledge Enhanced Gloss2Text.**
Liqiang Jing, Xuemeng Song, Xinxing Zu, Na Zheng, Zhongzhou Zhao, Liqiang Nie
In IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP), 2024
- [17] **A Unified Hallucination Mitigation Framework for Large Vision-Language Models.**
Liqiang Jing^{*}, Yue Chang^{*}, Xiaopeng Zhang^{*}, Yue Zhang
In Transactions on Machine Learning Research (TMLR), 2024.
- [18] **FaithScore: Fine-grained Evaluations of Hallucinations in Large Vision-Language Models.**
Liqiang Jing, Ruosen Li, Yunmo Chen, Xinya Du
In Findings of Conference on Empirical Methods in Natural Language Processing (EMNLP), 2024.
- [19] **Vision Enhanced Generative Pre-trained Language Model for Multimodal Sentence Summarization.**
Liqiang Jing, Yiren Li, Junhao Xu, Yongcan Yu, Pei Shen, Xuemeng Song
In Machine Intelligence Research, 2024.
- [20] **Mutual-enhanced Incongruity Learning Network for Multi-modal Sarcasm Detection.**
Yang Qiao, **Liqiang Jing[†]**, Xuemeng Song, Xiaolin Chen, Lei Zhu, Liqiang Nie
In Annual AAAI Conference on Artificial Intelligence (AAAI), 2023. (Oral)
- [21] **Adapting Generative Pretrained Language Model for Open-domain Multi-**

modal Sentence Summarization.

Dengtian Lin, **Liqiang Jing**[†], Xuemeng Song, Meng Liu, Teng Sun, Liqiang Nie
In International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR), 2023. (Oral)

- [22] **Dual Consistency-enhanced Semi-supervised Sentiment Analysis towards COVID-19 Tweets.**
Teng Sun, **Liqiang Jing**, Yinwei Wei, Xuemeng Song, Zhiyong Cheng, Liqiang Nie
In IEEE Transactions on Knowledge and Data Engineering (TKDE), 2023
- [23] **Multi-source Semantic Graph-based Multimodal Sarcasm Explanation Generation.**
Liqiang Jing, Xuemeng Song, Kun Ouyang, Mengzhao Jia, Liqiang Nie
In the Annual Meeting of the Association for Computational Linguistics (ACL), 2023.
- [24] **Stylized Data-to-Text Generation: A Case Study in the E-Commerce Domain.**
Liqiang Jing, Xuemeng Song, Xuming Lin, Zhongzhou Zhao, Wei Zhou, Liqiang Nie
In ACM Transactions on Information Systems (TOIS), 2023.
- [25] **Multimodal Dialog Systems with Dual Knowledge-enhanced Generative Pre-trained.**
Xiaolin Chen, Xuemeng Song, **Liqiang Jing**, Shuo Li, Linmei Hu, Liqiang Nie
In ACM Transactions on Information Systems (TOIS), 2023.
- [26] **General Debiasing for Multimodal Sentiment Analysis.**
Teng Sun, Juntong Ni, Wenjie Wang, **Liqiang Jing**, Yinwei Wei, Liqiang Nie
In ACM International Conference on Multimedia (MM), 2023.
- [27] **V2P: Vision-to-Prompt based Multi-Modal Product Summary Generation.**
Xuemeng Song, **Liqiang Jing**, Dengtian Lin, Zhongzhou Zhao, Haiqing Chen, Liqiang Nie
In International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR), 2022. (Oral)
- [28] **Counterfactual Reasoning for Out-of-distribution Multimodal Sentiment Analysis.**
Teng Sun, Wenjie Wang, **Liqiang Jing**, Yiran Cui, Xuemeng Song, Liqiang Nie
In ACM International Conference on Multimedia (MM), 2022. (Oral)
Area Chair Award Recommendation
- [29] **CI-OCM: Counterfactual Inference towards Unbiased Outfit Compatibility Modeling.**
Liqiang Jing, Minghui Tian, Xiaolin Chen, Teng Sun, Weili Guan, Xuemeng Song
In ACM MM Workshop on Multimedia Computing towards Fashion Recommendation (MM), 2022.

GRANTS

| | |
|---|------|
| Lambda's Research Grant Program (PI \$2,000) | 2025 |
| ICLR Financial Assistance (\$425) | 2025 |
| OpenAI Researcher Access Program Award (PI, \$1,000) | 2025 |
| OpenAI Researcher Access Program Award (PI: \$4,000) | 2024 |
| Amazon Trusted AI Challenge (Team Leader, \$250,000+) | 2024 |
| SIGIR Student Travel Award (150 Euros) | 2022 |

TEACHING ASSISTANT

| |
|--|
| Natural Language Processing, University of Texas at Dallas, Fall 2025 |
| Introduction to Machine Learning, University of Texas at Dallas, Spring 2024 |

MENTORING EXPERIENCE

Natural Language Processing, University of Texas at Dallas, Fall 2023

Machine Learning, Shandong University, Spring 2021

Xinyu Wang (2025, Undergraduate at Shandong University)
Publication: CIKM 2025 (Best Paper Candidate)

Ziyang Zhang (2025, Undergraduate at Shandong University)
Publications: submitted 2 papers to ACL ARR

Zhengsong Zhang (2024, Undergraduate at McGill University, UT Dallas Visiting student)
Publications: ACL 2025

Bowen Yan (2024, UT Dallas Visiting student)
Publications: ACL 2025

Eftekhar Hossain (2024, Assistant Professor in CUET→Ph.D. at UCF)
Publications: ACL 2025

Ehsan Aghazadeh (2024, Ph.D. at UMass)
Publications: Submit 1 paper to ARR

Xiaopeng Zhang (2023)
Publications: TMLR 2024

Yue Chang (2023)
Publications: TMLR 2024

Jingxuan Zuo (2023, Undergraduate at Shandong University)
Publications: AAAI 2025 Workshop

Kun Ouyang (2022-2023, Undergraduate at Shandong University → Ph.D. at Peking University)
Publications: ACL 2023, ACM TMM 2025

Can Xie (2023, Undergraduate at Shandong University → Ph.D. at Institute of Automation, CAS)
Publications: AAAI 2024

Juntong Ni (2022, Undergraduate at Shandong University → Ph.D. at Emory University)
Publication: ACM MM 2023

Yongcan Yu (2022, Undergraduate at Shandong University → Master at Institute of Automation, CAS)
Publication: Machine Intelligence Research 2023

Junhao Xu (2022, Undergraduate at Shandong University → Master at Fudan University)
Publication: Machine Intelligence Research 2023

Minghui Tian (2022, Undergraduate at Shandong University → Ph.D. at Shandong University)
Publication: ACM MM 2022 Workshop

Yiran Cui (2021, Undergraduate at Shandong University → Ruoyu Tec)
Publications: ACM MM 2022

Dengtian Lin (2021-2022, Master at Shandong University)
Publication: ACM SIGIR 2022, ACM SIGIR 2023

Yang Qiao (2021-2022, Master at Shandong University → Ph.D. in Emory University)
Publication: AAAI 2023

**ACADEMIC
SERVICES**

Organizing Committee

The First Workshop on Multimodal Knowledge and Language Modeling.

Organizing team: Liqiang Jing, Xinya Du, Hao Fei, Jing Gu, Manling Li, Aixin Sun, William Wang.

In International Joint Conference on Artificial Intelligence (IJCAI), 2025.

Tutorial: Hallucinations in Large Language Models and Large Vision-Language Models.

Organizing team: Liqiang Jing, Yue Zhang, Xinya Du.

In International Conference on Multimedia Retrieval (ICMR), 2025.

Area Chair

BMVC (The British Machine Vision Conference)

Program Committee/Conference Reviewer

ICLR (International Conference on Learning Representations)

NeurIPS (Conference on Neural Information Processing Systems)

ICML (International Conference on Machine Learning)

ACL (Annual Meeting of the Association for Computational Linguistics).

EMNLP (Conference on Empirical Methods in Natural Language Processing).

NAACL (Conference of the North American Chapter of the Association for Computational Linguistics)

COLING (Conference on Computational Linguistics)

CVPR (Computer Vision and Pattern Recognition Conference)

AAAI (AAAI Conference on Artificial Intelligence)

LREC (Language Resources and Evaluation Conference)

MM (International Conference on Multimedia)

Journal Reviewer

TMM (IEEE Transactions on Multimedia)

TASLP (IEEE Transactions on Audio, Speech and Language Processing).

TCSVT (IEEE Transactions on Circuits and Systems for Video Technology)

Information Sciences

Neurocomputing

TALKS

FIHA: Autonomous Hallucination Evaluation in Vision-Language Models with Davidson Scene Graphs.

NICE (NLP Academic Exchange Platform). June, 2025.

Factuality Evaluation for Multimodal Summarization.

The AAAI-25 Workshop on Document Understanding and Intelligence. Mar, 2025.

Evaluating Hallucination in LVLMS.

AGI Super Summit hosted by SuperAGI. Feb, 2024.

Counterfactual Reasoning for Out-of-distribution Multimodal Sentiment Analysis.

ACM MM. Oct, 2022.

CI-OCM: Counterfactual Inference towards Unbiased Outfit Compatibility Modeling.

ACM MCFR 2022. Oct, 2022.

V2P: Vision-to-Prompt based Multi-Modal Product Summary Generation.

ACM SIGIR. Jul, 2022.