

# Liqiang Jing

Email: jingliqiang6@gmail.com   Tel: +1 4698812666   <https://liqiangjing.github.io/>   Update on 22 Sep 2024

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## Education

### The University of Texas at Dallas

08/2023 - Present

PhD Student in Computer Science. GPA: 4.0/4.0.

Advised by [Xinya Du](#).

Teacher Assistant. Research Assistant.

Research Interest: Multimodal Learning and Natural Language Processing.

### Shandong University

09/2020 – 06/2023

M.Sc. in Computer Technology.

Advised by [Xuemeng Song](#) and [Liqiang Nie](#). GPA: 85.82/100.

### Hefei University of Technology

09/2016 - 06/2020

B.E. in Computer Science and Technology. GPA: 3.7/4.3.

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## Preprint

### FIHA: Fine-grained Hallucinations Evaluations in Large Vision Language Models

*Liqiang Jing\**, Bowen Yan\*, Zhengsong Zhang\*, Eftekhari Hossain, Xinya Du. (\*Equal Contribution)  
Under Review by ARR.

### FGAIF: Aligning Large Vision-Language Models with Fine-grained AI Feedback

*Liqiang Jing*, Xinya Du. Under Review by TMLR.

### Learning to Generate Research Idea with Dynamic Control.

Ruochen Li, *Liqiang Jing*, Chi Han, Jiawei Zhou & Xinya Du

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## Publication

### DSBench: How Far Are Data Science Agents to Becoming Data Science Experts?

*Liqiang Jing*, Zhehui Huang, Xiaoyang Wang, Wenlin Yao, Wenhao Yu, Kaixin Ma, Hongming Zhang, Xinya Du, Dong Yu. ICLR 2025

### FAITHSCORE: Evaluating Hallucinations in Large Vision-Language Models

*Liqiang Jing*, Ruosen Li, Yunmo Chen, Xinya Du. Findings of EMNLP 2024.

### A Unified Hallucination Mitigation Framework for Large Vision-Language Models

*Liqiang Jing\**, Yue Chang\*, Xiaopeng Zhang\*, Yue Zhang. (\*Equal Contribution). TMLR.

### Defeasible Visual Entailment: Benchmark, Evaluator, and Reward-Driven Optimization.

Yue Zhang, *Liqiang Jing*, Vibhav Gogate. AAAI 2025.

### Fine-grained and Explanable Factuality Evaluation for Multimodal Summarization.

Yue Zhang, Jingxuan Zuo, *Liqiang Jing*. DocUI@AAAI 2025.

### Sentiment-enhanced Graph-based Sarcasm Explanation in Dialogue.

Kun Ouyang, *Liqiang Jing*, Xuemeng Song, Meng Liu, Yupeng Hu, Liqiang Nie. IEEE TMM 2025.

### Debiasing Multimodal Sarcasm Detection with Contrastive Learning

Mengzhao Jia, Can Xie, *Liqiang Jing*. AAAI 2024.

### VK-G2T: Vision and Context Knowledge enhanced Gloss2Text.

*Liqiang Jing*, Xuemeng Song, Xinxing Zu, Na Zheng, Zhongzhou Zhao, Liqiang Nie. ICASSP 2024.

### Multi-source Semantic Graph-based Multimodal Sarcasm Explanation Generation.

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*Liqiang Jing, Xuemeng Song, Kun Ouyang, Mengzhao Jia, Liqiang Nie. ACL. 2023.*

## **Dual Knowledge-enhanced Multimodal Dialog Systems with Generative Pretrained Language Model.**

*Xiaolin Chen, Xuemeng Song, Liqiang Jing, Shuo Li, Linmei Hu, Liqiang Nie. ACM TOIS. 2023.*

## **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. ACM TOIS. 2023.*

## **Knowledge-enhanced Memory Model for Emotional Support Conversation.**

*Mengzhao Jia, Qianglong Chen, Liqiang Jing, Dawei Fu, Renyu Li. AAAI 2024..*

## **General Debiasing for Multimodal Sentiment Analysis.**

*Teng Sun, Juntong Ni, Wenjie Wang, Liqiang Jing, Yinwei Wei, Liqiang Nie. ACM MM. 2023.*

## **Vision Enhanced Generative Pre-trained Language Model for Multimodal Sentence Summarization.**

*Liqiang Jing, Yiren Li, Junhao Xu, Yongcan Yu, Pei Shen, Xuemeng Song. Machine Intelligence Research. 2023.*

## **Adapting Generative Pretrained Language Model for General Multimodal Sentence Summarization.**

*Dengtian Lin, Liqiang Jing, Xuemeng Song, Teng Sun, Meng Liu, Liqiang Nie. ACM SIGIR. 2023.*

## **Dual Consistency-enhanced Semi-supervised Sentiment Analysis towards COVID-19 Tweets.**

*Teng Sun, Liqiang Jing, Yinwei Wei, Xuemeng Song, Zhiyong Cheng, Liqiang Nie. IEEE TKDE. 2023.*

## **Mutual-enhanced Incongruity Learning Network for Multi-modal Sarcasm Detection.**

*Yang Qiao, Liqiang Jing, Xuemeng Song, Xiaolin Chen, Lei Zhu, Liqiang Nie. AAAI. 2023.*

## **Debiased Outfit Compatibility Modeling with Counterfactual Inference.**

*Liqiang Jing, Minghui Tian, Xiaolin Chen, Teng Sun, Weili Guan, Xuemeng Song. MCFR@ACM MM.. 2022.*

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

*Teng Sun, Wenjie Wang, Liqiang Jing, Yiran Cui, Xuemeng Song, Liqiang Nie. ACM MM. 2022.*

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

*Xuemeng Song, Liqiang Jing, Dengtian Lin, Zhongzhou Zhao, Haiqing Chen, Liqiang Nie. ACM SIGIR. 2022.*

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## **Intern Experience**

**Research Intern. AI Lab, Tencent America**

**05/2024 - 08/2024**

Mentored by [Xiaoyang Wang](#), [Wenhao Yu](#), [Wenlin Yao](#), [Kaixin Ma](#), [Dong Yu](#)

- Focus on evaluating data science agents and large language/vision-language models with data science tasks.
- Construct a new data science benchmark which is more challenging than the existing benchmarks.
- Evaluate many state-of-the-art data science agents and large language/vision-language models.

**Research Intern. Damo Academy, Alibaba Group**

**05/2022 - 09/2022**

Mentored by [Xinxing Zu](#) and [Zhongzhou Zhao](#)

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- Focus on sign language translation to help normal people with deaf people better communicate.
  - Propose to recognize sentence property from vision information to tackle isolated gloss input.
  - Propose to retrieve context knowledge to solve low-capacity gloss vocabulary problem.
- Research Intern. Damo Academy, Alibaba Group** **08/2021 - 01/2022**  
*Mentored by [Xuming Lin](#) and [Zhongzhou Zhao](#)*
- Proposed a new data-to-text generation task: stylized data-to-text generation.
  - The proposed methods achieved new state-of-the-art performances on multimodal product summarization and stylized data-to-text generation.
  - Relevant achievements have been deployed to Damo Academy's intelligent virtual anchor platform.

Honors & Awards	
Best Paper Award at AAAI AI4Research	2025
OpenAI Researcher Access Program Award	2024
Outstanding Graduate Student, Shandong University	2022
SIGIR 2022 Student Travel Award	2022
Excellent Graduate, Hefei University of Technology	2020
National Encouragement Scholarship	2017, 2018, 2019
First Class Scholarship, Hefei University of Technology	2018, 2019

Academy Service	
Invited Reviewers for conferences: ACM MM 2022, NeurIPS 2022, ICML 2023, NeurIPS 2023, EMNLP 2023, ICLR 2024, NeurIPS 2024, COLING 2024, ICML 2024, COLING 2025, ACL ARR, ICLR 2025.	
Invited Reviewers for journals: Information Sciences, IEEE TMM, IEEE TCSVT, IEEE TASLP, ACM ToMM.	