

# Liqiang Jing

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Update on 26 Dec 2023

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## Education

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| <b>The University of Texas at Dallas</b><br>PhD Student in Computer Science.<br>Advised by <a href="#">Xinya Du</a> .<br>Teacher Assistant. Research Assistant.<br>Research Interest: Multimodal Learning and Natural Language Processing. | <b>08/2023 - Present</b> |
| <b>Shandong University</b><br>M.Sc. in Computer Technology.<br>Advised by <a href="#">Xuemeng Song</a> and <a href="#">Liqiang Nie</a> .<br>GPA: 85.82/100.                                                                                | <b>09/2020 – 06/2023</b> |
| <b>Hefei University of Technology</b><br>B.E. in Computer Science and Technology.<br>GPA: 3.7/4.3.                                                                                                                                         | <b>09/2016 - 06/2020</b> |

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## Publications

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**FAITHSCORE: Evaluating Hallucinations in Large Vision-Language Models**  
*Liqiang Jing, Ruosen Li, Yunmo Chen, Mengzhao Jia, Xinya Du. arXiv:2311.01477.*

**Debiasing Multimodal Sarcasm Detection with Contrastive Learning**  
*Mengzhao Jia, Can Xie, Liqiang Jing. AAAI 2024.*

**Sentiment-enhanced Graph-based Sarcasm Explanation in Dialogue.**  
*Kun Ouyang, Liqiang Jing, Xuemeng Song, Feng Zheng, Liqiang Nie. Under Review by TMM.*

**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.**  
*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.*

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## 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. *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

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### Research Intern. Damo Academy, Alibaba Group

05/2022 - 09/2022

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

- Focusing 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.

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## Honors & Awards

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|---------------------------------------------------------|------------------|
| 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       |

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## Academy Service

Invited Reviewers for conferences: ACM MM 2022, NeurIPS 2022, ICML 2023, NeurIPS 2023, EMNLP 2023, ICLR 2024.

Invited Reviewers for journals: Information Sciences, IEEE TMM, IEEE TCSVT.