

## Research Interests

**Sentiment Analysis, Stylistic Analysis, and Argument Mining.**  
**Information Extraction and NLP Applications.**  
**Large Language Models and the Future of NLP.**

## Experiences

2020.04–2020.11 **Tencent WeChat, Search Application Department.**  
Research Intern Query intention Classification in WeChat search module.

## Education

2021.09–Present **Nanjing University (NJU).**  
Ph.D. School of Artificial Intelligence.  
Supervisor: [Xinyu Dai](#).

2018.09–2021.06 **Nanjing University (NJU).**  
M.Sc. Department of Computer Science and Technology.  
Supervisor: [Xinyu Dai](#).  
Thesis: Fine-grained Text Classification.

2014.09–2018.06 **Nanjing Normal University (NJNU).**  
B.Sc. School of Computer and Electronic Information/School of Artificial Intelligence.  
Ranking: 1/54  
Thesis: Research on the Relation Extraction in Legal Case Documents.

## Research Publications

(\* indicates equal contribution)

- TASLP 2023 **Label-correction Capsule Network for Hierarchical Text Classification.**  
Fei Zhao, Zhen Wu, Liang He, Xinyu Dai  
*IEEE Transactions on Audio, Speech and Language Processing*. (TASLP 2023)
- ACL 2023 **Measuring Your ASTE Models in The Wild: A Diversified Multi-domain Dataset For Aspect Sentiment Triplet Extraction.**  
Ting Xu, Huiyun Yang, Zhen Wu, Jiaze Chen, Fei Zhao and Xinyu Dai  
The 61st Annual Meeting of the Association for Computational Linguistics (Findings of ACL 2023),
- EMNLP 2022 **Label-Driven Denoising Framework for Multi-Label Few-Shot Aspect Category Detection.**  
Fei Zhao\*, Yuchen Shen\*, Zhen Wu, Xinyu Dai  
*Findings of Empirical Methods in Natural Language Processing, 2022*. (EMNLP-2022 Findings)
- COLING 2022 **Learning from Adjective-Noun Pairs: A Knowledge-enhanced Framework for Target-Oriented Multimodal Sentiment Classification.**  
Fei Zhao, Zhen Wu, Siyu Long, Xinyu Dai, Shujian Huang, Jiajun Chen  
*The 29th International Conference on Computational Linguistics*. (COLING 2022),

- ACM MM 2022 **Learning from Different text-image Pairs: A Relation-enhanced Graph Convolutional Network for Multimodal NER.**  
Fei Zhao, Chunhui li, Zhen Wu, Shangyu Xing, Xinyu Dai  
*The 30th ACM International Conference on Multimedia. (ACM MM 2022),*
- COLING 2020 **Attention Transfer Network for Aspect-level Sentiment Classification.**  
Oral Fei Zhao\*, Zhen Wu\*, Xinyu Dai  
*The 28th International Conference on Computational Linguistics. (COLING 2020),*
- AAAI 2020 **Latent Opinions Transfer Network for Target-Oriented Opinion Words Extraction.**  
Oral Zhen Wu\*, Fei Zhao\*, Xinyu Dai, Shujian Huang, Jiajun Chen  
*Thirty-Fourth AAAI Conference on Artificial Intelligence. (AAAI 2020),*
- EMNLP 2020 **Grid Tagging Scheme for Aspect-oriented Fine-grained Opinion Extraction.**  
Zhen Wu, Chengcan Ying, Fei Zhao, Xinyu Dai, Rui Xia  
*Findings of Empirical Methods in Natural Language Processing, 2020. (EMNLP-2020 Findings)*

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## Awards

- 2017 National Scholarship
- 2018 *Outstanding Graduate* of Nanjing Normal University.
- 2018 *Outstanding Undergraduation Thesis* of Nanjing Normal University.
- 2020 Nanjing University Huawei Scholarship.
- 2021 *Outstanding Graduate* of Nanjing University.
- 2022 Nanjing University Huawei Scholarship.

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## Computer Skills

- Programming Tensorflow and PyTorch, please see Github for details
- Lanauage English (CET-6)

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## Academic Activities

- PC Member AAAI 2022, AAAI 2021, AAAI 2023, EMNLP 2022, EMNLP 2023, ACL 2021, ACL 2023, NAACL 2022, ACM MM 2023, ACL Rolling Review