赵飞 (Fei Zhao)

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🖥 https://github.com/1429904852

研究领域

细粒度情感分析，主要包括方面级情感分析、面向目标的情感词抽取、面向方面的细粒度观点抽取、多模态细粒度情感分析和弱监督多方面情感分析.

实习经历

2020.04–2020.11
科研实习

腾讯微信事业群，搜索应用部.
实习方向: 微信搜一搜模块中的用户意图识别

教育背景

2021.09–现在
博士

南京大学，人工智能学院.
科研导师: 戴新宇教授

2018.09–2021.06
硕士

南京大学，计算机科学与技术系.
排名: 中期考核优秀
科研导师: 戴新宇教授
毕设论文:《细粒度文本分类研究》

2014.09–2018.06
本科

南京师范大学，计算机与电子信息学院/人工智能学院.
排名: 1/54
毕设论文:《法律案例文档中的实体关系抽取实现研究》，校级优秀毕设

论文发表

(* indicates equal contribution)

COLING 2022

Learning from Adjective-Noun Pairs: A Knowledge-enhanced Framework for Target-Oriented Multimodal Sentiment Classification.
赵飞, 吴震, 龙思宇, 戴新宇, 黄书剑, 陈家骏
The 29th International Conference on Computational Linguistics (**COLING 2022**),
(会议等级: CCF B)

ACMMM 2022

Learning from Different text-image Pairs: A Relation-enhanced Graph Convolutional Network for Multimodal NER.
赵飞, 李春晖, 吴震, 刑尚禹, 戴新宇
The 30th ACM International Conference on Multimedia. (**ACMMM 2022**),
(会议等级: CCF A).

COLING 2020
Oral

Attention Transfer Network for Aspect-level Sentiment Classification.
赵飞 *, 吴震 *, 戴新宇
The 28th International Conference on Computational Linguistics (**COLING 2020**),
(会议等级: CCF B)

AAAI 2020	**Latent Opinions Transfer Network for Target-Oriented Opinion Words Extraction**.
Oral	吴震 *, 赵飞 *, 戴新宇, 黄书剑, 陈家骏
	Thirty-Fourth AAAI Conference on Artificial Intelligence (**AAAI'20**),
	(会议等级: CCF A)
Finding of EMNLP 2020	**Grid Tagging Scheme for Aspect-oriented Fine-grained Opinion Extraction**.
	吴震, 应澄粲, 赵飞, 范志方, 戴新宇, 夏睿
	Conference on Empirical Methods in Natural Language Processing (**Finding of EMNLP 2020**),

获奖情况

2017	国家奖学金
2018	南京师范大学优秀毕业生
2018	南京师范大学优秀毕业论文
2020	南京大学华为奖学金
2021	南京大学优秀毕业生

技术能力

语言	英语 (CET-6)
编程	Tensorflow 和 PyTorch, 主要使用 Tensorflow, 详情请见 Github

学术服务

PC Member	AAAI 2023, EMNLP 2022, AAAI 2022, AAAI 2021, ACL 2021, ACL Rolling Review

Fei Zhao 赵飞

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Research Interests

Fine-grained Sentiment Analysis, mainly includes Aspect-based Sentiment Analysis, Target-Oriented Opinion Words Extraction, Target-Oriented Multimodal Sentiment Classification, Few-shot Text classification and Multimodal Sentiment Analysis.

Experiences

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

Education

2021.09–Present Ph.D.	**Nanjing University (NJU)**. School of Artificial Intelligence. Supervisor: Xinyu Dai.
2018.09–2021.06 M.Sc.	**Nanjing University (NJU)**. Department of Computer Science and Technology. Supervisor: Xinyu Dai. Thesis: Fine-grained Text Classification.
2014.09–2018.06 B.Sc.	**Nanjing Normal University (NJNU)**. 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)

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**), (CORE2020 Rank: CCF B).
ACMMM 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.* (**ACMMM 2022**), (CORE2020 Rank: CCF A).
COLING 2020 Oral	**Attention Transfer Network for Aspect-level Sentiment Classification**. Fei Zhao, Zhen Wu, Xinyu Dai *The 28th International Conference on Computational Linguistics.* (**COLING 2020**), (CORE2020 Rank: CCF B).
AAAI 2020 Oral	**Latent Opinions Transfer Network for Target-Oriented Opinion Words Extraction**. Zhen Wu*, Fei Zhao*, Xinyu Dai, Shujian Huang, Jiajun Chen *Thirty-Fourth AAAI Conference on Artificial Intelligence.* (**AAAI 2020**), (CORE2020 Rank: CCF A).

Finding of 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.*

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.

Computer Skills

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

Academic Activities

PC Member	AAAI 2023, EMNLP 2022, AAAI 2022, AAAI 2021, ACL 2021, ACL Rolling Review