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)

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
Oral

Latent Opinions Transfer Network for Target-Oriented Opinion Words Extraction.

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
2014-2018	南京师范大学一等奖学金 7 次
2018	南京师范大学优秀毕业生和优秀毕业论文
2018-2020	南京大学一等奖学金 3 次
2020	南京大学华为奖学金

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	EMNLP 2022, AAAI 2022, AAAI 2021, ACL 2021, ACL Rolling Review

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**),

Fei Zhao 赵飞

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🖥 https://github.com/1429904852

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)

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.
2014–2018	Nanjing Normal University first-class scholarship 7 times.
2018-2020	The first-class scholarship of Nanjing University for three times.
2020	Nanjing University Huawei Scholarship.

Computer Skills

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

Academic Activities

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