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)

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**),

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**),

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**),

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**),

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**)

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