Xiachong Feng

Ph.D. Candidate, Text Generation Group in HIT-SCIR
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[Google Scholar] [Github]

RESEARCH INTEREST

Natural Language Processing, Summarization, AI+Neuroscience.

EDUCATION

Ph.D. Candidate. Harbin Institute of Technology   Sept.2018 - Present
Major: Computer Science. Supervisors: Prof. Bing Qin and A.P. Xiaocheng Feng.

Remote Intern WING, National University of Singapore   Aug.2020 - Present
Supervisor: A.P. Min-Yen Kan

B.E. Harbin Institute of Technology   Sept.2014 - Jun.2018
Major: Software Engineering.

PUBLICATION

Xiachong Feng, Xiaocheng Feng, Bing Qin. A Survey on Dialogue Summarization: Recent Advances and New Frontiers. In *Proceeding of The 31th International Joint Conference on Artificial Intelligence* (**IJCAI 2022**)

Xiachong Feng, Xiaocheng Feng, Bing Qin. MSAMSum: Towards Benchmarking Multi-lingual Dialogue Summarization. In *The 2nd DialDoc workshop on Document-grounded Dialogue and Conversational Question Answering* (**ACL 2022 DialDoc Workshop**)

Xiachong Feng, Xiaocheng Feng, Libo Qin, Bing Qin, Ting Liu. Language Model as an Annotator: Exploring DialoGPT for Dialogue Summarization. In *The 59th Annual Meeting of the Association for Computational Linguistics* (**ACL 2021**)

Xiachong Feng, Xiaocheng Feng, Bing Qin, Xingwei Geng. Dialogue Discourse-Aware Graph Model and Data Augmentation for Meeting Summarization. In *Proceeding of The 30th International Joint Conference on Artificial Intelligence* (**IJCAI 2021**)

Xiachong Feng, Xiaocheng Feng, Bing Qin, Ting Liu. Incorporating Commonsense Knowledge into Abstractive Dialogue Summarization via Heterogeneous Graph Networks. In *The Twentieth China National Conference on Computational Linguistics* (**CCL 2021, Best Paper Award**)

Xiaocheng Feng, **Xiachong Feng**, Bing Qin, Zhangyin Feng, Ting Liu. Improving Low Resource Named Entity Recognition using Cross-lingual Knowledge Transfer. In *Proceeding of The 27th International Joint Conference on Artificial Intelligence* (**IJCAI 2018**)

PREPRINT

Xiachong Feng, Xiaocheng Feng, Bing Qin. Semantic-aware Contrastive Learning for Electroencephalography-to-Text Generation with Curriculum Learning. *arXiv Preprint 2023. Under Review.*

Xiachong Feng, Xiaocheng Feng, Bing Qin. The Role of Summarization in Generative Agents: A Preliminary Perspective. *arXiv Preprint 2023.*

Kun Zhu, Xiaocheng Feng, **Xiachong Feng**, Yingsheng Wu, Bing Qin. Hierarchical Catalogue Generation for Literature Review: A Benchmark. *arXiv Preprint 2023*.

Yichong Huang, **Xiachong Feng**, Xiaocheng Feng, Bing Qin. The Factual Inconsistency Problem in Abstractive Text Summarization: A Survey. *arXiv Preprint 2021*.

PATENTS
[CN113204627B] Xiaocheng Feng, **Xiachong Feng**, Bing Qin, Ting Liu, Kun Zhu. 2022. Dialogue Summarization System Using DialoGPT as A Feature Annotator.

[CN112148863B] Xiaocheng Feng, **Xiachong Feng**, Bing Qin, Ting Liu. 2022. A Method for Abstractive Dialogue Summarization by Incorporating Commonsense Knowledge.

[CN111460132B] Xiaocheng Feng, Bing Qin, **Xiachong Feng**, Ting Liu. 2021. A Method for Abstractive Meeting Summarization Based on Graph Convolutional Networks.

TEACHING EXPERIENCE
TA, NUS Natural Language Processing: Foundations   Sept.2022-Jan.2023

COMPETITION
Qianyan: The Second Generation and Evaluation Competition for Fact Consistency. *Leader of Team GPT-66*. Rank 4/70.   May.2023
ICASSP 2023 General Meeting Understanding and Generation Challenge Track5: Action Item Detection (AID) *Leader of Team GPT-66*. Rank 1st.   Jan.2023

SERVICES
Conference Reviewer: NeurIPS, ACL Rolling Review; ACL; EMNLP; CCL; NLPCC

PROJECTS
HIT "HuoZi" large language model	2023
NLP-Course-Chinese	2023
DataLab (Summarization Part)	2022
Huawei Length-controllable Abstractive Summarization Project	2019-2020
Huawei Sentence Compression Project	2018-2019

AWARDS HONORS
Tencent Scholarship	2022
National Scholarship	2021
CCL Best Paper Award	2021
China Scholarship Council (CSC) Scholarship	2020
Outstanding Graduate Award at Provincial Level	2018
Outstanding Student Cadres at Provincial Level	2017
National Scholarship	2017
National Scholarship	2016