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. Rank: 3/167

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, Xiyuan Du, Min-Yen KAN, Bing Qin. Adapter-based Selective Knowledge Distillation for Federated Multi-domain Meeting Summarization. *Under Review.*

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-May.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