

Xiachong Feng

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[\[Google Scholar\]](#) [\[Github\]](#) [\[Homepage\]](#)

SUMMARY I am a Ph.D. student from Harbin Institute of Technology, a member of Text Generation Group of HIT-SCIR Lab under the supervision of Prof. Bing Qin and A.P Xiaocheng Feng. I am also a remote intern at NUS-WING Lab, advised by Prof. Min-Yen Kan.

Previously, I concentrated my efforts on summarization and was absorbed in the dialogue summarization task. At present, I primarily investigate how dialogue summarization can benefit downstream tasks, particularly how it can advance lifelong autonomous agent interaction.

RESEARCH INTEREST Text Generation, Summarization, AI + Neuroscience.

EDUCATION Harbin Institute of Technology Sep.2018 - Mar.2024 (Expected)
Ph.D. in Computer Science.
Supervisors: Prof. Bing Qin and A.P. Xiaocheng Feng.

Harbin Institute of Technology Sep.2014 - Jun.2018
B.E. in Software Engineering.
Rank: 3/167

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

PREPRINT **Adapter-based Selective Knowledge Distillation for Federated Multi-domain Meeting Summarization**
Xiachong Feng, Xiaocheng Feng, Xiyuan Du, Min-Yen KAN, Bing Qin
Under Review. Submitted to World Wide Web: Internet and Web Information Systems (WWW)

Semantic-aware Contrastive Learning for Electroencephalography-to-Text Generation with Curriculum Learning
Xiachong Feng, Xiaocheng Feng, Bing Qin
Under Review. Submitted to IEEE Transactions on Neural Systems and Rehabilitation Engineering (TNSRE)

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

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

The Factual Inconsistency Problem in Abstractive Text Summarization: A Survey
Yichong Huang, **Xiachong Feng**, Xiaocheng Feng, Bing Qin
arXiv Preprint 2021. Citation: 42

PUBLICATION	A Survey on Dialogue Summarization: Recent Advances and New Frontiers Xiachong Feng , Xiaocheng Feng, Bing Qin IJCAI 2022, Citation: 47	
	Language Model as an Annotator: Exploring DialoGPT for Dialogue Summarization Xiachong Feng , Xiaocheng Feng, Libo Qin, Bing Qin, Ting Liu ACL 2021, Citation: 41	
	Dialogue Discourse-Aware Graph Model and Data Augmentation for Meeting Summarization Xiachong Feng , Xiaocheng Feng, Bing Qin, Xingwei Geng IJCAI 2021, Citation: 48	
	Incorporating Commonsense Knowledge into Abstractive Dialogue Summarization via Heterogeneous Graph Networks Xiachong Feng , Xiaocheng Feng, Bing Qin, Ting Liu CCL 2021, Best Paper Award, Citation: 42	
	Improving Low Resource Named Entity Recognition using Cross-lingual Knowledge Transfer Xiaocheng Feng, Xiachong Feng , Bing Qin, Zhangyin Feng, Ting Liu IJCAI 2018, Citation: 67	
	MSAMSum: Towards Benchmarking Multi-lingual Dialogue Summarization Xiachong Feng , Xiaocheng Feng, Bing Qin ACL 2022 DialDoc Workshop, Citation: 9	
PATENTS	Dialogue Summarization System Using DialoGPT as A Feature Annotator 1st student author. No.CN113204627B	
	A Method for Abstractive Dialogue Summarization by Incorporating Commonsense Knowledge 1st student author. No.CN112148863B	
	A Method for Abstractive Meeting Summarization Based on Graph Convolutional Networks 1st student author. No.CN111460132B	
AWARDS	Ph.D. Tencent Scholarship	2022
	Ph.D. National Scholarship	2021
	Ph.D. CCL Best Paper Award	2021
	Ph.D. China Scholarship Council (CSC) Scholarship	2020
	B.E. Outstanding Graduate Award at Provincial Level	2018
	B.E. Outstanding Student Cadres at Provincial Level	2017
	B.E. National Scholarship	2017
	B.E. National Scholarship	2016

TEACHING	TA, NUS, Natural Language Processing: Foundations	Sep.2022-May.2023
SERVICES	<i>Conference Reviewer:</i> NeurIPS, ACL Rolling Review; ACL; EMNLP; COLING; CCL; NLPCC	
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 Jan.2023 Leader of Team GPT-66. Track 5: Action Item Detection. Rank 1st. Track 2: Topic-level and Session-level Extractive Summarization. Rank 2nd.	
PROJECTS	HIT "HuoZi" Large Language Model 2023 NLP-Course-Chinese 2023 DataLab (Summarization Part) 2022 Summarization-Papers 2021 Huawei Length-controllable Abstractive Summarization Project 2019-2020 Huawei Sentence Compression Project 2018-2019	
TALK	May 2023, I gave a talk "Recent Advances in Large Language Models" at Interactive Data Exploration System (IDEAS) lab, Shandong University. Jan. 2022, I gave a talk "Dialogue Summarizations" at the Alibaba DAMO Academy, Language Technology Lab, Conversational AI. Jun. 2021, I gave a talk "Dialogue Summarizations" at the Natural Language Processing Lab at Tsinghua University: THUNLP.	