Xiachong Feng

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EMPLOYMENT

Postdoctoral Researcher, Department of Computer Science, The University of Hong Kong, 2024–*present*

Research Internships: WING, National University of Singapore (Aug.2020 - Jun.2023)

EDUCATION

Ph.D. Faculty of Computing, Harbin Institute of Technology, 2023
    Thesis: Research on Dialogue Summarization Techniques Based on Knowledge Enhancement
    Supervisors: Prof. Bing Qin and Prof. Xiaocheng Feng

B.E. School of Software, Harbin Institute of Technology, 2018
    Thesis: Design and Development of a PyTorch-Based Cross-Lingual Entity Extraction Platform

AWARDS

2021	Ph.D. National Scholarship
2021	CCL Best Paper Award
2020	Ph.D. China Scholarship Council (CSC) Scholarship
2018	B.E. Outstanding Graduate Award at Provincial Level
2017	B.E. Outstanding Student Cadres at Provincial Level
2017	B.E. National Scholarship
2016	B.E. National Scholarship

SERVICE

Conference Area Chair: EMNLP
Conference Reviewer: ICLR, NeurIPS, ACL; EMNLP; COLING; CCL; NLPCC
Journal Reviewer: TNNLS, TASLP, KBS

PUBLICATIONS

PREPRINTS

5. Haochuan Wang, **Xiachong Feng***, Lei Li, Zhanyue Qin, Dianbo Sui, and Lingpeng Kong* (2024). TMGBench: A Systematic Game Benchmark for Evaluating Strategic Reasoning Abilities of LLMs. arXiv 2410.10479

4. Weitao Ma, Xiaocheng Feng, Weihong Zhong, Lei Huang, Yangfan Ye, **Xiachong Feng**, and Bing Qin (2024). Unveiling Entity-Level Unlearning for Large Language Models: A Comprehensive Analysis. arXiv 2406.15796

3. Libo Qin, Qiguang Chen, **Xiachong Feng**, Yang Wu, Yongheng Zhang, Yinghui Li, Min Li, Wanxiang Che, and Philip S. Yu (2024). Large Language Models Meet NLP: A Survey. ArXiv 2405.12819

2. **Xiachong Feng**, Xiaocheng Feng, and Bing Qin (2023). The Role of Summarization in Generative Agents: A Preliminary Perspective. ArXiv 2305.01253

1. Yichong Huang, **Xiachong Feng**, Xiaocheng Feng, and Bing Qin (2021). The Factual Inconsistency Problem in Abstractive Text Summarization: A Survey. ArXiv 2104.14839

PEER-REVIEWED JOURNAL ARTICLES

2. **Xiachong Feng**, Xiaocheng Feng, Xiyuan Du, Min-Yen Kan, and Bing Qin (2024). Adapter-Based Selective Knowledge Distillation for Federated Multi-Domain Meeting Summarization. In *IEEE/ACM Transactions on Audio, Speech, and Language Processing.* **TASLP 2024**

1. **Xiachong Feng**, Xiaocheng Feng, Bing Qin, and Ting Liu (2023). Aligning Semantic in Brain and Language: A Curriculum Contrastive Method for Electroencephalography-to-Text Generation. In *IEEE Transactions on Neural Systems and Rehabilitation Engineering.* **TNSRE 2023**

CONFERENCE PROCEEDINGS

12. Yangfan Ye, **Xiachong Feng**, Xiaocheng Feng, Weitao Ma, Libo Qin, Dongliang Xu, Qing Yang, Hongtao Liu, and Bing Qin (2024). GlobeSumm: A Challenging Benchmark Towards Unifying Multi-lingual, Cross-lingual and Multi-document News Summarization. In *Proceedings of the 2024 Conference on Empirical Methods in Natural Language Processing.* **EMNLP 2024**

11. Liang Zhao, **Xiachong Feng**, Xiaocheng Feng, Weihong Zhong, Dongliang Xu, Qing Yang, Hongtao Liu, Bing Qin, and Ting Liu (2024). Length Extrapolation of Transformers: A Survey from the Perspective of Positional Encoding. In *Findings of the Association for Computational Linguistics: EMNLP 2024.* **EMNLP Findings 2024**

10. Lei Li, Yuqi Wang, Runxin Xu, Peiyi Wang, **Xiachong Feng**, Lingpeng Kong, and Qi Liu (2024). Multimodal ArXiv: A Dataset for Improving Scientific Comprehension of Large Vision-Language Models. In *Proceedings of the 62nd Annual Meeting of the Association for Computational Linguistics.* **ACL 2024**

9. Lei Huang, Xiaocheng Feng, Weitao Ma, Yuxuan Gu, Weihong Zhong, **Xiachong Feng**, Weijiang Yu, Weihua Peng, Duyu Tang, Dandan Tu, and Bing Qin (2024). Learning Fine-Grained Grounded Citations for Attributed Large Language Models. In *Findings of the Association for Computational Linguistics ACL 2024.* **ACL Findings 2024**

8. Kun Zhu, Xiaocheng Feng, **Xiachong Feng**, Yingsheng Wu, and Bing Qin (2023). Hierarchical Catalogue Generation for Literature Review: A Benchmark. In *Findings of the ACL: EMNLP 2023.* **EMNLP Findings 2023**

7. Jie Huang, **Xiachong Feng**, Yangfan Ye, Liang Zhao, Xiaocheng Feng, Bing Qin, and Ting Liu (2023). Dialogue Context Modelling for Action Item Detection: Solution for ICASSP 2023 Mug Challenge Track 5. In *2023 IEEE International Conference on Acoustics, Speech and Signal Processing (Challenge Track).* **ICASSP 2023**

6. **Xiachong Feng**, Xiaocheng Feng, and Bing Qin (2022). MSAMSum: Towards Benchmarking Multi-lingual Dialogue Summarization. In *Proceedings of the Second DialDoc Workshop on Document-grounded Dialogue and Conversational Question Answering.* **ACL 2022 Dialdoc Workshop**

5. **Xiachong Feng**, Xiaocheng Feng, and Bing Qin (2022). A Survey on Dialogue Summarization: Recent Advances and New Frontiers. In *Proceedings of the Thirty-First International Joint Conference on Artificial Intelligence.* **IJCAI 2022**

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

3. **Xiachong Feng**, Xiaocheng Feng, Bing Qin, and Xinwei Geng (2021). Dialogue Discourse-Aware Graph Model and Data Augmentation for Meeting Summarization. In *Proceedings of the Thirtieth International Joint Conference on Artificial Intelligence.* **IJCAI 2021**

2. **Xiachong Feng**, Xiaocheng Feng, and Bing Qin (2021). Incorporating Commonsense Knowledge into Abstractive Dialogue Summarization via Heterogeneous Graph Networks. In *Proceedings of the 20th Chinese National Conference on Computational Linguistics.* **CCL 2021, Best Long Paper**

1. Xiaocheng Feng, **Xiachong Feng**, Bing Qin, Zhangyin Feng, and Ting Liu (2019). Improving Low Resource Named Entity Recognition using Cross-lingual Knowledge Transfer. In *Proceedings of the Twenty-Seventh International Joint Conference on Artificial Intelligence.* **IJCAI 2018**

INVITED TALKS

4. "Strategic Reasoning of Large Language Models from a Game Theory Perspective" at the CCF 2024 Annual Conference on Computational Economics. (2024)

3. "Taking the First Step Toward Interdisciplinary Studies" at the 2023 China Conference on Social Media Processing. (2023)

2. "Dialogue Summarizations" at the Alibaba DAMO Academy, Language Technology Lab, Conversational AI. (2022)

1. "Dialogue Summarizations" at the Natural Language Processing Lab at Tsinghua University: THUNLP. (2021)