

SUMMARY

Yi Feng, a Ph.D. candidate in Computer Science at Beijing Jiaotong University, with expertise in Large Language Models for mental health and social intelligence. Her work has been published in top conferences such as ACL, AAAI and EMNLP. Currently, she is a visiting researcher at the Singapore University of Technology and Design (SUTD), supervised by Prof. Wenxuan Zhang. Her research focuses on developing evaluation and training frameworks for inclusive LLMs.

EDUCATION

- Beijing Jiaotong University** Sep.2021 – Present
- Ph.D. Candidate, Dept. of Computer Science and Technology; *Supervisor: Prof. Liping Jing, Jian Yu*
- Beijing Jiaotong University** Sep.2017 – Jun.2021
- B.E., Dept. of Computer Science and Technology with GPA 3.84, College English Test CET-4 616 and CET-6 518.

RESEARCH INTERESTS

Inclusive LLMs & LLMs for Social Intelligence, Mental Health, Neurodivergent people & Computing Psychology

RESEARCH EXPERIENCE

- CoAI Group, DCST, IAI, BNRIST, Tsinghua University** Beijing, CN.
- Intern supervised by Prof. Minlie Huang* Aug.2024 – Aug.2025
- Working on the **Patient Simulation** Project, aiming to provide scalable, customized AI-driven patients as practice partners for novice counselors, supporting global mental health professionals. Responsible for personalizing patient roles and optimizing fine-grained simulations based on both single-agent and multi-agent pipelines.
 - Contributed to the **Social Intelligence Benchmark** Project, which evaluates the social intelligence of LLMs through scenario-based assessments, addressing the limitations of traditional testing that ignore the context of social events. Engaged in constructing social scenario data using 37 expert-defined social skills and the protagonist's self-interested and altruistic attributes, and participated in the manual cross-verification of the data quality.
- State Key Laboratory of Cognitive Intelligence, iFLYTEK Research** Beijing, CN.
- Intern supervised by Senior Researcher, Baoxin Wang* Mar.2023 – Feb.2024
- Contributed to the development of the evaluation set for **SparkRA** (Spark Research Assistant), including the collection and organization of scientific data for RAG-based literature investigation, paper reading, and academic writing.
 - Acquired hands-on experience in developing applications with iFLYTEK's Spark Cognitive Large Model, enhancing skills in model training (SFT, DPO), evaluation, function optimization, and ongoing user experience improvement.

PUBLICATIONS

- Yi Feng**, Jiaqi Wang, Wenxuan Zhang, Zhuang Chen, Yutong Shen, Xiyao Xiao, Minlie Huang, Liping Jing, Jian Yu. Reframe Your Life Story: Interactive Narrative Therapist and Innovative Moment Assessment with Large Language Models. Accepted in EMNLP 2025 (**CCF-B**). <https://arxiv.org/abs/2507.20241>
- Yi Feng**, Mingyang Song, Jiaqi Wang, Zhuang Chen, Guanqun Bi, Minlie Huang, Liping Jing, Jian Yu. SS-GEN: A Social Story Generation Framework with Large Language Models. Published in AAAI 2025 (**CCF-A, Oral**). <https://arxiv.org/abs/2406.15695>
- Jiaqi Wang*, **Yi Feng***, Huafeng Liu, Liping Jing, Jian Yu. A Survey of Concept-Based Modeling Methods for Interpretable Deep Learning. Published in Journal of Software (**CCF-A**). <http://dx.doi.org/10.13328/j.cnki.jos.007530>
- Mingyang Song, **Yi Feng**, Liping Jing. HISum: Hyperbolic Interaction Model for Extractive Multi-Document Summarization. Published in WWW 2023 (**CCF-A**). <https://doi.org/10.1145/3543507.3583197>
- Mingyang Song, **Yi Feng**, Liping Jing. Hyperbolic Relevance Matching for Neural Keyphrase Extraction. Published in NAACL 2022 (**CCF-B**). <https://doi.org/10.18653/v1/2022.naacl-main.419>
- Mingyang Song, **Yi Feng**, Liping Jing. A Preliminary Exploration of Extractive Multi-Document Summarization in Hyperbolic Space. Published in CIKM 2022 (**CCF-B**). <https://doi.org/10.1145/3511808.3557538>
- Mingyang Song, Liping Jing, **Yi Feng**. Match More, Extract Better! Hybrid Matching Model for Open Domain Web Keyphrase Extraction. Published in ACL 2024 Findings (**CCF-A**). <https://doi.org/10.18653/v1/2024.findings-acl.2>
- Mingyang Song, Huafeng Liu, **Yi Feng**, Liping Jing. Improving Embedding-based Unsupervised Keyphrase Extraction by Incorporating Structural Information. Published in ACL 2023 Findings (**CCF-A**). <https://doi.org/10.18653/v1/2023.findings-acl.66>
- Mingyang Song, Pengyu Xu, **Yi Feng**, Liping Jing. Mitigating Over-generation for Unsupervised Keyphrase Extraction with Heterogeneous centrality Detection. Published in EMNLP 2023 (**CCF-B**). <https://doi.org/10.18653/v1/2023.emnlp-main.1017>

HONORS & AWARDS

National Scholarship (2021), Second-Class Academic Scholarship (2022, 2024), First-Class Academic Scholarship (2023).
 National Scholarship (2017), First-Class Academic Excellence Award (2019), Second-Class Social Work Excellence Award (2020).