

# Dingjie James Song

## CONTACT INFORMATION

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## EDUCATION

**Master of Software Engineering**, Nanjing University, Nanjing, China **June 2023**  
Advisors: Dr. Xinyu Dai, Dr. Jidong Ge  
GPA: 4.4/5.0

**Bachelor of Software Engineering**, Nanjing University, Nanjing, China **June 2021**  
Advisors: Dr. Xinyu Dai, Dr. Jidong Ge  
GPA: 4.3/5.0

## RESEARCH INTERESTS

My research interests lie in the field of Natural Language Processing (NLP), with a particular focus on intelligent interactive systems and domain-specific large language models (LLMs). I am particularly interested in multimodal LLMs, with a recent emphasis on long-context multimodal models that aim to understand, generate, and interact within long contexts. Additionally, my research covers several other topics, including medical LLMs and multilingual LLMs. Prior to the emergence of LLMs, I had a strong interest in task-oriented dialogue systems.

## SUBMITTED PUBLICATIONS

8. **Dingjie Song**, Shunian Chen, Xidong Wang, Michael Guan, Benyou Wang. (2024). *Less is More: A Simple yet Effective Token Reduction Method for Efficient Multi-modal LLMs*. Submitted to EMNLP 2024.
7. **Dingjie Song**, Shunian Chen, Guiming Hardy Chen, Fei Yu, Xiang Wan, Benyou Wang. (2024). *MileBench: Benchmarking MLLMs in Long Context*. [[arXiv:2404.18532](#)]. Submitted to COLM (review score: 6.25/10, Top 25%).
6. Junying Chen, Xidong Wang, Anningzhe Gao, Feng Jiang, Shunian Chen, Hongbo Zhang, **Dingjie Song**, Wenya Xie, Chuyi Kong, Jianquan Li, Xiang Wan, Haizhou Li, Benyou Wang. (2023). *HuatuoGPT-II, One-stage Training for Medical Adaption of LLMs*. [[arXiv:2311.09774](#)]. Submitted to COLM (review score: 6/10, Top 30%).
5. Wentao Ge, Shunian Chen, Guiming Hardy Chen, Zhihong Chen, Junying Chen, Shuo Yan, Chenghao Zhu, Ziyue Lin, Wenya Xie, Xinyi Zhang, Yichen Chai, Xiaoyu Liu, **Dingjie Song**, Xidong Wang, Anningzhe Gao, Zhiyi Zhang, Jianquan Li, Xiang Wan, Benyou Wang. (2023). *MLLM-Bench: Evaluating Multimodal LLMs with Per-sample Criteria*. [[arXiv:2311.13951](#)].

## ACCEPTED PUBLICATIONS

4. **Dingjie Song\***, Xidong Wang\*, Guiming Hardy Chen\* (equal contribution), Zhiyi Zhang, Zhihong Chen, Qingying Xiao, Feng Jiang, Jianquan Li, Xiang Wan, Benyou Wang, Haizhou Li. (2024) *CMB: A Comprehensive Medical Benchmark in Chinese*. [[arXiv:2308.08833](#)]. (NAACL main 2024).
3. Huang Huang\*, Fei Yu\*, Jianqing Zhu\*, Xuening Sun, Hao Cheng, **Dingjie Song**, Zhihong Chen, Abdulmohsen Alharthi, Bang An, Juncai He, Ziche Liu, Zhiyi Zhang, Junying Chen, Jianquan Li, Benyou Wang, Lian Zhang, Ruoyu Sun, Xiang Wan, Haizhou Li, Jinchao Xu. (2024) *AceGPT, Localizing Large Language Models in Arabic*. [[arXiv:2309.12053](#)]. (NAACL main 2024).

2. **Dingjie Song\***, Pengfei Sun\* (equal contribution), Yawen Ouyang, Zhen Wu, Xinyu Dai. (2023) *Episode-based Prompt Learning for Any-shot Intent Detection*. **Springer** (NLPCC 2023; **Oral**).

1. Pengfei Sun, Yawen Ouyang, **Dingjie Song**, Xinyu Dai. (2022) *Self-Supervised Task Augmentation for Few-Shot Intent Detection*. **Springer** (JCST, 2022, 37(3): 527-538).

RESEARCH EXPERIENCE	<p><b>Research Assistant</b>, The Chinese University of Hong Kong, Shenzhen <b>July 2023–Present</b> <i>Mentor: Dr. Benyou Wang</i> Focus: Multimodal LLM, Medical LLM, and Multilingual LLM.</p> <p><b>NLP Research Intern</b>, International Digital Economy Academy (IDEA) <b>July 2022–May 2023</b> <i>Mentor: Dr. Jiaxing Zhang</i> Focus: In-context learning and Code LLM.</p> <p><b>Graduate Student</b>, NLP Group, Nanjing University <b>August 2021–June 2022</b> <i>Advisor: Dr. Xinyu Dai</i> Focus: Low-resource spoken language understanding.</p>
HONORS AND AWARDS	<p><b>Outstanding Graduate Student</b>, Nanjing University <b>2023</b></p> <p><b>Yingcai Scholarship</b>, Nanjing University <b>2022</b></p> <p><b>Renmin Scholarship (Peoples Scholarship)</b>, Nanjing University <b>2018–2021</b></p> <p><b>Third Runner’s Up in 15th Citi Cup Financial Innovation Application Competition</b>, Citigroup <b>2019</b></p> <p><b>Second Runner’s Up in 2019 “Chain to Future” University Blockchain Technology Application Competition</b>, CCF <b>2019</b></p> <p><b>Outstanding Student Leader of the Communist Youth League</b>, Nanjing University <b>2018–2019</b></p>
SKILLS	<p><b>Computer Skills:</b> Proficient in Python, Java, JavaScript, SQL, HTML/CSS. Experience with PyTorch, DeepSpeed, Colossal-AI, FAISS, Elastic Search, Spark, Git, L<sup>A</sup>T<sub>E</sub>X, ssh.</p> <p><b>Natural languages:</b> English, Mandarin, Cantonese.</p>