

Hongpeng Lin

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RESEARCH INTERESTS

Working on Natural Language Processing (NLP) and Multi-modal Dialogue, for the purpose of giving machines the ability to perceive, understand, and express like humans. Recently, I have been dedicated to enabling Large Language Models (LLM) to process multi-modal information and endowing them with the ability to perceive the world.

EDUCATION

Gaoling School of AI, Renmin University of China Sep. 2021 - Present

M.S. in Artificial Intelligence

Advisor: Ruihua Song

Xidian University Sep. 2017 - June. 2021

B.S. in Software Engineering

EMPLOYMENT HISTORY

Research Intern, Xianyuan Technology May. 2023 - Present

Project: Large Language Models, Multi-modal Large Language Models

Research Intern, Kuaishou Technology Nov. 2021 - Jun. 2022

Project: **WenLan** project of large-scale multi-modal pre-training

Research Intern, Beijing Academy of AI (BAAI) Oct. 2021 - Jan. 2022

Project: Multi-modal data crawling and pre-processing

Research Intern, Tencent AI Lab Jul. 2021 - Aug. 2021

Project: Development of a multi-modal dialogue WeChat mini-program

PUBLICATIONS

1. **TikTalk: A Video-Based Dialogue Dataset for Multi-Modal Chitchat in Real World.** Hongpeng Lin, Ludan Ruan, Wenke Xia, Peiyu Liu, Jingyuan Wen, Yixin Xu, Di Hu, Ruihua Song, Wayne Xin Zhao, Qin Jin, Zhiwu Lu. ACM MM 2023.
2. **Analysis on the collection method and simulation algorithm of Chinese speech errors.** Hao Pu, Hongpeng Lin, Ruihua Song, Mei Yan. CLSW 2022.

SKILLS

Proficient in Python, Pytorch, and has practical experience in distributed training and efficient parameter fine-tuning.

ACADEMIC SERVICE

Conference Reviewer: EMNLP, ACM MM