Li Yang

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Professional Summary

AI researcher specializing in large language models (LLMs), retrieval-augmented generation (RAG), multi-agent systems, and reasoning. Currently conducting research at Hong Kong Metropolitan University (HKMU). Previously collaborated on advanced AI projects at Tsinghua University NLP Lab (THU NLP), contributing to the XAgent (evaluation) and ReproAgent (RAG module) frameworks. Worked at Zhipu AI, focusing on model fine-tuning, controllable poetry generation, long-text academic writing with LLMs, and CodeGeeX data analysis and optimization. Actively engaged in leading AI communities, including AITIME and the Hugging Face Chinese Community, with a focus on localization, education, and community-building. Contributed to proposal writing for Hong Kong GRF and NSFC (National Natural Science Foundation of China), assisting with research design and technical planning.

Education

Bachelor of Science in Information Management and Information Systems

Beijing University of Chinese Medicine, Beijing, China | 2018–2022

- GPA: 3.0/4.0
- Minor in Acupuncture and Massage

Research Experience

Research Assistant

Hong Kong Metropolitan University (HKMU), Hong Kong | 2023–Present

- Research on multi-agent systems, retrieval-augmented generation (RAG), long-term memory, and reasoning capabilities of LLMs.
- Developed frameworks and tools for enhancing scalability and performance of language models.
- Acted as reviewer for NLP academic journals.

Research Collaborator

Tsinghua University NLP Lab (THU NLP), Beijing, China | 2023

- Participated in testing and evaluation of the XAgent framework for multi-agent collaboration in AI systems.

- Contributed to the ReproAgent project by implementing and improving the RAG module to enhance reproducibility and robustness in AI agent research.

Algorithm Engineer (Intern)

Zhipu AI (THU KEG), Beijing, China | July 2022 – February 2023

- Developed GLM-based algorithms for poetry generation and content optimization.
- Improved code-generation models through data analysis and prompt engineering (CodeGeeX).

Founder Member (Startup Incubation)

Shenzhen InnoX Academy, Shenzhen, China | 2021–2022

- Developed emotional companion robots and AI-driven interaction technologies.
- Involved in projects related to smart homes, virtual reality, and assistive robotics.

Publications

- **Zheng, Qinkai**, et al. (2023). "CodeGeeX: A Pre-Trained Model for Code Generation with Multilingual Benchmarking on HumanEval-X." *Proceedings of the 29th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD)*.
- **Lu, Qingya**, et al. (2023). "Machine Learning Models for Stroke Detection by Observing Eye-Movement Features Under Five-Color Visual Stimuli in Traditional Chinese Medicine." *Journal of Traditional Chinese Medical Sciences*.
- **Li, Yang**, et al. (2025). "CondAmbigQA: A Benchmark and Dataset for Conditional Ambiguous Question Answering." *arXiv preprint arXiv:2502.01523*.

Research Interests

- Large Language Models (LLMs)
- Retrieval-Augmented Generation (RAG)
- Multi-Agent Systems
- Reasoning and Long-Term Memory in AI

Certifications

- ShuSheng PuYu Large Model Bootcamp, Shanghai AI Lab, 2024
- Hugging Face Agents Course, 2025
- Hugging Face Audio Course, 2023
- Hugging Face Deep Reinforcement Learning Course, 2023

Technical Skills

- **Programming:** Python, C/C++, MATLAB, HTML/CSS/JS, Prompt Engineering
- **Frameworks/Tools:** PyTorch, Hugging Face, React, Git, Docker, MySQL, LaTeX, Arduino

- **Languages:** Chinese (native), English (fluent, IELTS: 6)

Academic & Community Activities

Community Contributor & Localization Lead

Hugging Face Chinese Community | 2022–Present

- Led localization and community activities, including translating and adapting advanced NLP educational materials.
- Contributed significantly to community outreach, education, and resource sharing for Chinese-speaking AI enthusiasts and researchers.

Volunteer & Community Operator

AITIME, China | 2021–Present

- Managed and disseminated impactful AI educational resources, significantly expanding AI knowledge accessibility.
- Served as official content operator for AI on Xiaohongshu (Little Red Book), fostering community engagement.

Reviewer

- Natural Language Processing Journal (2024–Present)
- IEEE Internet of Things Journal (2025-present)