

YANGQIN JIANG

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◇ Research Interests: Intelligent Agents | Recommendation Systems | Large Language Models

◇ Personal Homepage: <https://yangqin-jiang.github.io>

EDUCATION

The University of Hong Kong

Ph.D. in Computing Science

09/2022 - Present

School of Computing and Data Science

Harbin Institute of Technology

B.Eng. in Software Engineering

09/2018 - 06/2022

School of Computer Science and Technology

SELECTED PUBLICATIONS

- **Yangqin Jiang**, Lianghao Xia, Wei Wei, Da Luo, Kangyi Lin, and Chao Huang. *DiffMM: Multi-Modal Diffusion Model for Recommendation*, ACM MM 2024, CCF-A, (**Best Paper Honourable Mention Award, 7/1149**).
- **Yangqin Jiang**, Yuhao Yang, Lianghao Xia, and Chao Huang. *DiffKG: Knowledge Graph Diffusion Model for Recommendation*, WSDM 2024, CCF-B, (**Top-11 Most Cited Paper, 11st / 112**).
- **Yangqin Jiang**, Chao Huang, and Lianghao Xia. *Adaptive Graph Contrastive Learning for Recommendation*, SIGKDD 2023, CCF-A, (**Most Influential Paper, 10th / 497**).
- **Yangqin Jiang**, Yuhao Yang, Lianghao Xia, Da Luo, Kangyi Lin, and Chao Huang. *RecLM: Recommendation Instruction Tuning*, ACL Main 2025, CCF-A.
- **Yangqin Jiang**, Xubin Ren, Lianghao Xia, Da Luo, Kangyi Lin, and Chao Huang. *RecGPT: Towards Foundation Models for Sequential Recommendation*, EMNLP Main 2025, CCF-B.
- **Yangqin Jiang**, Yixiang Fang, Chenhao Ma, Xin Cao, and Chunshan Li. *Effective Community Search over Large Star-Schema Heterogeneous Information Networks*, VLDB 2022, CCF-A.
- Tianyu Fan, Yuhao Yang, **Yangqin Jiang**, Yifei Zhang, Yuxuan Chen, and Chao Huang. *AI-Trader: Benchmarking Autonomous Agents in Real-Time Financial Markets*, Arxiv, (**over ~ 9.5k Stars on Github**).
- Bolin Zhang, Shengwei Wang, **Yangqin Jiang**, Dianbo Sui, Zhiying Tu, and Dianhui Chu. *Ask and Retrieve Knowledge: Towards Proactive Asking with Imperfect Information in Medical Multi-turn Dialogues*, SIGIR 2025, CCF-A.
- Wei Wei, Jiabin Tang, Lianghao Xia, **Yangqin Jiang**, and Chao Huang. *PromptMM: Multi-Modal Knowledge Distillation for Recommendation with Prompt-Tuning*, WWW 2024, CCF-A.
- Bolin Zhang, Zhiying Tu, **Yangqin Jiang**, Shufan He, Guoqing Chao, Dianhui Chu, and Xiaofei Xu. *DGPF: A Dialogue Goal Planning Framework for Cognitive Service Conversational Bot*, IEEE ICWS 2021, CCF-B.
- **Yangqin Jiang** and Chao Huang. *LightAgent: Mobile Agentic Foundation Models*, Arxiv.

RESEARCH EXPERIENCE

The University of Hong Kong

Supervisor: Professor Chao Huang

HKSAR, China

09/2022 - Present

- **Financial Trading Agents.** Building a benchmark to evaluate LLMs in trading markets (U.S. equities, crypto) and assess their limits.
- **Lightweight Mobile GUI Agent with Cloud-Edge Collaboration:** Developing a lightweight agent for mobile GUI automation that leverages a collaborative framework between device and cloud for complex task execution.
- **LLM-based Recommendation:** Explored the integration of Large Language Models (LLMs) for enhancing semantic understanding and reasoning in recommendation tasks.
- **Recommendation Foundation Models:** Investigated the development of a unified, pre-trained foundation model capable of generalizing across various recommendation scenarios.
- **Graph-Based & Generative Recommendation:** Applied graph contrastive learning, knowledge graphs, and diffusion models for recommendation.

The Chinese University of Hong Kong, Shenzhen (Research Assistant)

Supervisor: Professor Yixiang Fang

• **Graph Data Mining:** Graph querying, specifically the community search problem in large-scale heterogeneous graphs.

Harbin Institute of Technology

Supervisor: Professor Zhiying Tu

• **Service Computing:** In-depth research in service computing, particularly in area of cognitive service dialogue agents.

Shenzhen, Guangdong, China

09/2021 - 06/2022

Weihei, Shandong, China

09/2020 - 06/2021

SELECTED HONORS & AWARDS

ACM Multimedia 2024 Best Paper Honourable Mention Award, 7/1149	2024
Outstanding Graduate of Harbin Institute of Technology (10%)	2022
Outstanding Student of Harbin Institute of Technology (20%)	2021
Outstanding Communist Youth League Member of May Fourth Appraisal of HIT (5%)	2021

INDUSTRIAL EXPERIENCE

<div><div><div>Tencent, WeChat Group</div><div>Research Intern</div></div></div> <div>Guangzhou, China</div> <div>08/2023 - Present</div>

SERVICES

Conference Reviewer: ACM MM’24, NeurIPS’24, ICLR’25, AISTATS’25, WWW’25, ICML’25, NIPS’25, AAAI’26, ICLR’26.
Journal Reviewer: TKDE, TKDD, TNNLS, TCSS, SMCS, TOMM.
Teaching Assistant: COMP7103 Data Mining’2023, COMP7103 Data Mining’2024, COMP7103 Data Mining’2026.