Curriculum Vitae
Gao Jingtong

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Website: https://gaojingtong.github.io/   Expected graduation period: 2026 Fall
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Research Interest

Recommender Systems, Advertising, Large Language Models, Reinforcement Learning

Education

◆ **Ph.D., City University of Hong Kong, Hong Kong**	09/2022-Now
Major: Data Science (GPA: 3.52/4.3)	
◆ **M.SC., Nanyang Technological University, Singapore**	09/2021-06/2022
Major: Computer Control & Automation (GPA: 4.38/5.0)	
◆ **B.Eng., Beihang University, Beijing, China**	09/2017-07/2021
Major: Automation (GPA: 3.678/4.0)	

Experience

◆ **Algorithm Intern**	
Kuaishou	08/2024-Now
◆ **Algorithm Intern**	
Huawei	09/2022-06/2024
◆ **M.SC. Graduation Project**	
Supervisor: Prof. Danwei Wang	08/2021-06/2022
◆ **Part-Time Job (Research Assistant)**	
Supervisor: Prof. Danwei Wang	11/2021-06/2022
◆ **Graduation Project**	
Supervisor: Prof. Shaopeng Dong	11/2020-07/2021
◆ **Algorithm Intern**	
China-Singapore International Joint Research Institute	06/2020-09/2020

Awards & Honors

◆ **1st Place at NeurIPS 2024 Bidding Competition (AIGB Track)**	2024
◆ **2nd Place at KDD CUP 2024 Online Shopping Competition**	2024
◆ **3 online launched systems at Huawei & Kuaishou**	2024-2025
◆ Outstanding Academic Performance Award (OAPA-CityU)	2023&2024
◆ WWW'25, IJCAI'23 Student Travel Award	
◆ Research Tuition Scholarship (RTS-CityU)	2023
◆ Excellent Graduation Design of School of Automation	2021
◆ Beihang Academic Excellence Scholarship	2018

Skills

- ◆ **Programming language:** Python, MATLAB, C
- ◆ **Machine Learning Frameworks:** Pytorch, Transformers, Scikit-learn, veRL, etc.
- ◆ **LLMs:** Prompt Engineering, Fine-tuning, LLM with Reinforcement Learning
- ◆ **Other Frameworks:** ROS robot system
- ◆ **Language:** Chinese, English

Publications and Tutorials

Tutorials:

Joint Modeling in Deep Recommender Systems
Pengyue Jia, **Jingtong Gao**, Yuhao Wang, Xiaopeng Li, Qidong Liu, Yichao Wang, Bo Chen, Huifeng Guo, Ruiming Tang
IJCAI'23; WWW'25

Trustworthy Recommender Systems: Foundations and Frontiers
Wenqi Fan, Xiangyu Zhao, Lin Wang, Xiao Chen, **Jingtong Gao**, Qidong Liu, Shijie Wang
IJCAI'23; KDD'23; WWW23

Publications:

Generative Auto-Bidding with Value-Guided Explorations
Jingtong Gao, Yewen Li, Shuai Mao, Peng Jiang, Nan Jiang, Yejing Wang, Qingpeng Cai, Fei Pan, Peng Jiang, Kun Gai, Bo An, Xiangyu Zhao
SIGIR'25 **(1 online launched system at Kuaishou)**

SampleLLM: Optimizing Tabular Data Synthesis in Recommendations
Jingtong Gao, Zhaocheng Du, Xiaopeng Li, Xiangyu Zhao, Yichao Wang, Xiangyang Li, Huifeng Guo, Ruiming Tang
WWW'25 **(Oral Presentation, 1 online launched system at Huawei)**

LLM4Rerank: LLM-based Auto-Reranking Framework for Recommendations
Jingtong Gao, Bo Chen, Xiangyu Zhao, Weiwen Liu, Xiangyang Li, Yichao Wang, Wanyu Wang, Huifeng Guo, Ruiming Tang
WWW'25 **(Oral Presentation)**

GAS: Generative Auto-bidding with Post-training Search
Yewen Li, Shuai Mao, **Jingtong Gao**, Nan Jiang, Yujian Xu, Qingpeng Cai, Fei Pan, Peng Jiang, Bo An
WWW'25

GLINT-RU: Gated Lightweight Intelligent Recurrent Units for Sequential Recommender Systems
Sheng Zhang, Maolin Wang, Wanyu Wang, **Jingtong Gao**, Xiangyu Zhao, Yu Yang, Xuetao Wei, Zitao Liu, Tong Xu
KDD'25

Multimodal Recommender Systems: A Survey
Qidong Liu, Jiaxi Hu, Yutian Xiao, Xiangyu Zhao, **Jingtong Gao**, Wanyu Wang, Qing Li, Jiliang Tang
CSUR

Scenario-Aware Hierarchical Dynamic Network for Multi-Scenario Recommendation
Jingtong Gao, Bo Chen, Menghui Zhu, Xiangyu Zhao, Xiaopeng Li, Yuhao Wang, Yichao Wang, Huifeng Guo, Ruiming Tang
CIKM'24 **(1 online launched system at Huawei)**

SMLP4Rec: An Efficient all-MLP Architecture for Sequential Recommendations
Jingtong Gao, Xiangyu Zhao, Muyang Li, Minghao Zhao, Runze Wu, Ruocheng Guo, Yiding Liu, Dawei Yin
Transactions on Information Systems

AutoTransfer: Instance Transfer for Cross-Domain Recommendations
Jingtong Gao, Xiangyu Zhao, Bo Chen, Fan Yan, Huifeng Guo, Ruiming Tang
SIGIR'23

A Comprehensive Survey on Trustworthy Recommender Systems

Wenqi Fan, Xiangyu Zhao, Xiao Chen, Jingran Su, **Jingtong Gao**, Lin Wang, Qidong Liu, Yiqi Wang, Han Xu, Lei Chen, Qing Li

IJCAI'23 Tutorial; KDD'23 Tutorial; WWW23 Tutorial

LinRec: Linear Attention Mechanism for Long-term Sequential Recommender Systems

Langming Liu, Liu Cai, Chi Zhang, Xiangyu Zhao, **Jingtong Gao**, Wanyu Wang, Yifu Lv, Wenqi Fan, Yiqi Wang, Ming He, Zitao Liu, Qing Li

SIGIR'23

Multi-Task Recommendations with Reinforcement Learning

Ziru Liu, Jiejie Tian, Qingpeng Cai, Xiangyu Zhao, **Jingtong Gao**, Shuchang Liu, Dayou Chen, Tonghao He, Dong Zheng, Peng Jiang, Kun Gai

WWW'23

About Me

I'm currently a PhD student (2022-2026) of Data Science at the City University of Hong Kong (CityU) under the advisory of Prof. Xiangyu Zhao. Prior to CityU, I completed my MSc under the advisory of Prof. Danwei Wang at Nanyang Technological University (NTU) in 2022 and my BEng under the advisory of Prof. Shaopeng Dong at Beihang University (BUAA) in 2021.

My research interest includes Recommender Systems, Large Language Models, Deep Reinforcement Learning and Machine Learning.