Jingsen Zhang

✉ zhangjingsen@ruc.edu.cn · ⚲ jingsenzhang.github.io · ➤ Beijing, China

Education

Renmin University of China *Sep 2022 – Jun 2026*

Ph.D., Artificial Intelligence   Advisor: Xu Chen

Renmin University of China *Sep 2020 – Jun 2022*

M.E., Software Engineering   Advisor: Xin Zhao

Dalian Maritime University *Sep 2016 – Jun 2020*

B.E., Software Engineering

Experience

Research Intern, Huawei *Mar 2025 – Jul 2025*

Huawei Cloud, work on LLM-based agent.
Advisor: Chong Chen

Research Intern, Huawei *Jul 2022 – Oct 2022*

Noah's Ark Lab, work on generative explainable recommendation.
Advisor: Quanyu Dai

Research Intern, Baidu *Jul 2021 – Dec 2021*

Search Strategy Department, work on unbiased learning to rank.
Advisor: Long Xia and Jiashu Zhao

Research

- Recommender Systems: Explainable Recommendation.
- Large Language Model: LLM-based Agents; LLM for Recommendation.

Honors and Awards

- National Scholarship for Doctoral Students *2024*
- KDD Student Travel Grant *2024*
- Outstanding Innovative Talents Cultivation Funded Programs, Renmin University of China *2024*
- First-class Academic Scholarship, Renmin University of China *2021, 2023, 2024*
- Merit Scholarship, Renmin University of China *2021, 2023*
- CIKM Student Travel Grant *2021*
- Outstanding graduates of Dalian Meritime University *2020*

Publications (Citation 2100+)

∗ Equal Contribution

- **Natural Language Explainable Recommendation with Robustness Enhancement**
  Jingsen Zhang, Jiakai Tang, Xu Chen, Wenhui Yu, Lantao Hu, Peng Jiang, Han Li.
  KDD 2024. (CCF A)

- **Recommendation with Causality enhanced Natural Language Explanations**
  Jingsen Zhang, Xu Chen, Jiakai Tang, Weiqi Shao, Quanyu Dai, Zhenhua Dong, Rui Zhang.
  WWW 2023. (CCF A)

- **REASONER: An Explainable Recommendation Dataset with Comprehensive Labeling Ground Truths**
  Xu Chen, **Jingsen Zhang**∗, Lei Wang∗, Quanyu Dai, Zhenhua Dong, Ruiming Tang, Rui Zhang, Li Chen, Xin Zhao, Ji-Rong Wen.
  NeurIPS 2023, Datasets and Benchmarks Track. (CCF A)

- **Causally attentive collaborative filtering**
  Jingsen Zhang, Xu Chen, Wayne Xin Zhao.
  CIKM 2021, Short Paper. (CCF B)

- **Active Explainable Recommendation with Limited Labeling Budgets**
  Jingsen Zhang, Xiaohe Bo, Chenxi Wang, Quanyu Dai, Zhenhua Dong, Ruiming Tang, Xu Chen.
  ICASSP 2024. (CCF B)

- **Enhancing Recommendation Explanations through User-Centric Refinement**
  Jingsen Zhang, Zihang Tian, Xueyang Feng, Xu Chen
  Preprint 2025.

- **Expectation Confirmation Preference Optimization for Multi-Turn Conversational Recommendation Agent**
  Xueyang Feng, **Jingsen Zhang**, Jiakai Tang, Wei Li, Guohao Cai, Xu Chen, Quanyu Dai, Yue Zhu, Zhenhua Dong.
  ACL 2025, Findings. (CCF A)

- **User Behavior Simulation with Large Language Model based Agents**
  Lei Wang, **Jingsen Zhang**, Hao Yang, Zhiyuan Chen, Jiakai Tang, Zeyu Zhang, Xu Chen, Yankai Lin, Ruihua Song, Wayne Xin Zhao, Jun Xu, Zhicheng Dou, Jun Wang, Ji-Rong Wen.
  TOIS 2024. (CCF A)

- **HF4Rec: Human-Like Feedback-Driven Optimization Framework for Explainable Recommendation**
  Jiakai Tang, **Jingsen Zhang**, Zihang Tian, Xueyang Feng, Lei Wang, Xu Chen
  TOIS 2025. (CCF A)

- **When Fairness meets Bias: a Debiased Framework for Fairness aware Top-N Recommendation**
  Jiakai Tang, Shiqi Shen, Zhipeng Wang, Zhi Gong, **Jingsen Zhang**, and Xu Chen.
  RecSys 2023. (CCF B)

- **Data Augmented Sequential Recommendation based on Counterfactual Thinking**
  Xu Chen, Zhenlei Wang, Hongteng Xu, **Jingsen Zhang**, Yongfeng Zhang, Wayne Xin Zhao, Ji-Rong Wen.
  TKDE 2022. (CCF A)

- **Counterfactual data-augmented sequential recommendation**
  Zhenlei Wang∗, **Jingsen Zhang**∗, Hongteng Xu, Xu Chen, Yongfeng Zhang, Wayne Xin Zhao, Ji-Rong Wen.
  SIGIR 2021. (CCF A)

- **A Survey on Large Language Model based Autonomous Agents**
  Lei Wang, Chen Ma, Xueyang Feng, Zeyu Zhang, Hao Yang, **Jingsen Zhang**, Zhiyuan Chen, Jiakai Tang, Xu Chen, Yankai Lin, Wayne Xin Zhao, Zhewei Wei, Ji-Rong Wen.
  Frontiers of Computer Science. (CCF B)

- **RecBole 2.0: Towards a More Up-to-Date Recommendation Library**
  Wayne Xin Zhao, Yupeng Hou, Xingyu Pan, Chen Yang, Zeyu Zhang, Zihan Lin, **Jingsen Zhang**, Shuqing Bian, Jiakai Tang, Wenqi Sun, Yushuo Chen, Lanling Xu, Gaowei Zhang, Zhen Tian, Changxin Tian, Shanlei Mu, Xinyan Fan, Xu Chen and Ji-Rong Wen.
  CIKM 2022, Resource Track. (CCF B) *Best Resource Paper Runner Up.*

ACADEMIC SERVICES

- Reviewer/PC Member
    - Conference: KDD'24, NeurIPS'24, RecSys'25
    - Journal: TOIS, TKDD, TORS