Jingsen Zhang

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🎓 Education

Renmin University of China   2022.09 – 2026.06 (expected)
Ph.D. student, Artificial Intelligence, GSAI   Advisor: Xu Chen

Renmin University of China   2020.09 – 2022.06
M.E. student, Software Engineering   Advisor: Wayne Xin Zhao

Dalian Maritime University   2016.09 – 2020.06
B.E. student, Software Engineering

👥 Experience

Research Intern, Huawei   2025.02 – now
Huawei Cloud, work on LLM-based agent.
Advisor: Chong Chen

Research Intern, Huawei   2022.07 – 2022.10
Noah's Ark Lab, work on generative explainable recommendation.
Advisor: Quanyu Dai

Research Intern, Baidu   2021.07 – 2021.12
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

∗ Equal Contribution

- **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)

- **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) *Citation 1300+*

- **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)

- **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)

- **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)

- **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)

- **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.*

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

- **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)

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

♥ ACADEMIC SERVICES

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