

JINGSEN ZHANG

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🎓 EDUCATION

Renmin University of China 2022 – 2026 (expected)

Ph.D. student, Gaoling School of Artificial Intelligence Advisor: Xu Chen

Renmin University of China 2020 – 2022

M.E. student, School of Information Advisor: Wayne Xin Zhao

Dalian Maritime University 2016 – 2020

B.E. student, Software Engineering

👥 EXPERIENCE

Noah's Ark Lab, Huawei 2022.07 – 2022.10

Recommend and Search Lab *Research Intern*

Work on generative explainable recommendation. Advisor: Quanyu Dai

Baidu 2021.06 – 2021.12

Search Strategy Department *Research Intern*

Work on unbiased learning to rank. Advisor: LongXia and Jiashu Zhao

🔍 RESEARCH

- Recommender Systems.
- Explainable Recommendation: Natural language explanations generation.
- Large Language Model: LLM-based Agents; LLM for Recommender. (Trying)

★ HONORS AND AWARDS

- Doctoral Scholarship for Elite Innovative Talents of Renmin University of China 2024
- First-class Academic Scholarship, Renmin University of China 2021, 2023
- Merit Scholarship, Renmin University of China 2021, 2023
- CIKM Student Travel Grant 2021
- Outstanding graduates of Dalian Maritime University 2020

📖 PUBLICATIONS

* Equal Contribution

- **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.

Preprint.

- **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.

Preprint.

- **Active Explainable Recommendation with Limited Labeling Budgets**

Jingsen Zhang, Xiaohe Bo, Chenxi Wang, Quanyu Dai, Zhenhua Dong, Ruiming Tang, Xu Chen.

ICASSP 2024.

- **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.
- **Recommendation with Causality enhanced Natural Language Explanations**
Jingsen Zhang, Xu Chen, Jiakai Tang, Weiqi Shao, Quanyu Dai, Zhenhua Dong, Rui Zhang.
WWW 2023.
- **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.
- **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.
- **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. *Best Resource Paper Runner Up.*
- **Causally attentive collaborative filtering**
Jingsen Zhang, Xu Chen, Wayne Xin Zhao.
CIKM 2021, Short Paper.
- **Counterfactual data-augmented sequential recommendation**
Zhenlei Wang*, **Jingsen Zhang***, Hongteng Xu, Xu Chen, Yongfeng Zhang, Wayne Xin Zhao, Ji-Rong Wen.
SIGIR 2021.