

# 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

- Outstanding Innovative Talents Cultivation Funded Programs, 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

- **Natural Language Explainable Recommendation with Robustness Enhancement**  
**Jingsen Zhang**, Jiakai Tang, Xu Chen, Wenhui Yu, Lantao Hu, Peng Jiang, Han Li.  
**KDD 2024.**
- **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.**
- **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 (FCS). Citation 200+.**

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

## ♥ ACADEMIC SERVICES

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- Reviewer
  - Journal: TOIS
  - Conference: KDD 2024, NeurIPS 2024 (Datasets and Benchmarks Track)