

# JINGSEN ZHANG

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## 🎓 EDUCATION

<b>Renmin University of China</b>	2022 – 2026 (expected)
<i>Ph.D. student</i> , Artificial Intelligence, GSAI    Advisor: Xu Chen	
<b>Renmin University of China</b>	2020 – 2022
<i>M.E. student</i> , Software Engineering    Advisor: Wayne Xin Zhao	
<b>Dalian Maritime University</b>	2016 – 2020
<i>B.E. student</i> , Software Engineering	

## 👥 EXPERIENCE

<b>Research Intern, Huawei</b>	2025.02 – now
Huawei Cloud, work on LLM-based agent. Advisor: Chong Chen	
<b>Research Intern, Huawei</b>	2022.07 – 2022.10
Noah's Ark Lab, work on generative explainable recommendation. Advisor: Quanyu Dai	
<b>Research Intern, Baidu</b>	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 Maritime 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.
- **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 1000+*

- **Natural Language Explainable Recommendation with Robustness Enhancement**  
**Jingsen Zhang**, Jiakai Tang, Xu Chen, Wenhui Yu, Lantao Hu, Peng Jiang, Han Li.  
**KDD 2024.**
- **Active Explainable Recommendation with Limited Labeling Budgets**  
**Jingsen Zhang**, Xiaohe Bo, Chenxi Wang, Quanyu Dai, Zhenhua Dong, Ruiming Tang, Xu Chen.  
**ICASSP 2024.**
- **Recommendation with Causality enhanced Natural Language Explanations**  
**Jingsen Zhang**, Xu Chen, Jiakai Tang, WeiQi Shao, Quanyu Dai, Zhenhua Dong, Rui Zhang.  
**WWW 2023.**
- **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.**
- **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.**
- **Enhancing Recommendation Explanations through User-Centric Refinement**  
**Jingsen Zhang**, Zihang Tian, Xueyang Feng, Xu Chen  
**Preprint 2025.**

## ♥ ACADEMIC SERVICES

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