

JINGSEN ZHANG

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🎓 EDUCATION

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

👥 EXPERIENCE

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| Noah's Ark Lab, Huawei | 2022.07 – 2022.10 |
| Recommend and Search Lab | <i>Research Intern</i> |
| Work on generative explainable recommendation. | Advisor: Quanyu Dai |
| Baidu | 2021.06 – 2021.12 |
| Search Strategy Department | <i>Research Intern</i> |
| Work on unbiased learning to rank. | Advisor: LongXia and Jiashu Zhao |

🔍 RESEARCH

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

★ HONORS AND AWARDS

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| • 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 |
| • 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.
- **Natural Language Explainable Recommendation with Robustness Enhancement**
Jingsen Zhang, Jiakai Tang, Xu Chen, Wenhui Yu, Lantao Hu, Peng Jiang, Han Li.
KDD 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 800+*

- **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 Debaised 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

- Reviewer
 - Conference: KDD 2024, NeurIPS 2024
 - Journal: TOIS, TKDD