Changshuo Zhang

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- Google Scholar
- https://github.com/lyingCS
- Recommender Systems, Reinforcement Learning

EDUCATION

Renmin University of China *2023 - present*
M.S. student in Artificial Intelligence
Advisors: Xiao Zhang & Jun Xu

University of Eletronic and Technology of China *2019 - 2023*
B.S. in Computer Science and Technology
GPA: 3.89/4.0

PUBLICATIONS

Preprints
* - equal contribution

3. **A Survey of Controllable Learning: Methods and Applications in Information Retrieval.**
   Chenglei Shen, Xiao Zhang, Teng Shi, **Changshuo Zhang**, Guofu Xie, Jun Xu.
   arXiv:2407.06083, 2024.

2. **Do Not Wait: Learning Re-Ranking Model Without User Feedback At Serving Time in E-Commerce**.
   Yuan Wang*, Zhiyu Li*, **Changshuo Zhang**, Sirui Chen, Xiao Zhang, Jun Xu, Quan Lin.
   arXiv:2406.14004 (under review), 2024.

1. **QAGCF: Graph Collaborative Filtering for Q&A Recommendation**.
   Changshuo Zhang, Teng Shi, Xiao Zhang, Yanping Zheng, Ruobing Xie, Qi Liu, Jun Xu, Ji-Rong Wen.
   arXiv:2406.04828 (under review), 2024.

Conference Publications

2. **Reinforcing Long-Term Performance in Recommender Systems with User-Oriented Exploration Policy**.
   Changshuo Zhang*, Sirui Chen*, Xiao Zhang, Sunhao Dai, Weijie Yu, Jun Xu.
   *Research and Development in Information Retrieval (**SIGIR**), 2024.*

1. **Controllable Multi-Objective Re-ranking with Policy Hypernetworks**.
   Sirui Chen*, Yuan Wang*, Zijing Wen, Zhiyu Li, **Changshuo Zhang**, Xiao Zhang, Quan Lin, Cheng Zhu, Jun Xu.
   *Knowledge Discovery and Data Mining (**SIGKDD**), 2023.*

SELECTED AWARDS AND HONORS

- **National Scholarship** *2021 - 2022*
- **National First Prize (Top 0.5%)** at **Blue Bridge Cup Competition** *2021*
- **National Second Prize (Top 2.8%)** at **China Undergraduate Mathematical Contest in Modeling** *2021*
- **Meritorious Winner (Top 7%)** at **American Undergraduate Mathematical Contest in Modeling** *2021*
- **350 points (Top 1.9%)** at **CCF Certified Software Professional** *2022*
- **Silver Medal (Top 15%)** at **China Collegiate Algorithm Design & Programming Challenge Contest** *2022*

PROFESSIONAL SKILLS

- *programming language*: C, C++, Matlab, Python, Java, SQL.
- *algorithm*: LeetCode website **TOP 3.2%**, problem solving **800+**.
- *other skills*: Git, Vim, Latex, Linux, Qt, etc.