

# Changshuo Zhang

☎ (+86)13205201198

✉ [lyingcs@ruc.edu.cn](mailto:lyingcs@ruc.edu.cn)

🎓 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 Electronic and Technology of China**

2019 - 2023

*B.S. in Computer Science and Technology*

GPA: 3.89/4.0

## PUBLICATIONS

---

### Preprints

\* - equal contribution

2. **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.*

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

3. **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.

*Recommender Systems (RecSys) short paper, 2024.*

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

• Outstanding University Graduate of Sichuan Province

2023

• 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.