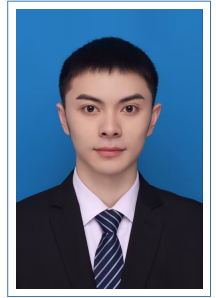


# Xiran Song

## Resume

School of Computer Science  
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## Education

- 2021–present **Master of Engineering, Computer Science & Technology, Huazhong University of Science and Technology.**  
Machine Learning, Graph Neural Networks, Recommendation System
- 2017–2021 **Bachelor of Engineering, Computer Science & Technology, Huazhong University of Science and Technology.**

## Publications

### Conference Proceedings

- 2023 **Xiran Song**, Jianxun Lian, Hong Huang, Zihan Luo, Wei Zhou, Xue Lin, Mingqi Wu, Chaozhao Li, Xing Xie, and Hai Jin. xGCN: An extreme graph convolutional network for large-scale social link prediction. In *Proceedings of the ACM Web Conference 2023*, page 349–359, 2023.
- 2022 **Xiran Song**, Jianxun Lian, Hong Huang, Mingqi Wu, Hai Jin, and Xing Xie. Friend recommendations with self-rescaling graph neural networks. In *Proceedings of the 28th ACM SIGKDD Conference on Knowledge Discovery and Data Mining*, page 3909–3919, 2022.

## Open-source Project

- 2023 **XGCN: a light-weight Python library for large-scale graph neural network embedding.**  
Developing XGCN: a light-weight library for large-scale graph neural network embedding, aiming at helping researchers to quickly embed million-scale graphs in a single-machine environment. Documentation: <https://xgcn.readthedocs.io/en/latest/index.html>, GitHub: [https://github.com/xiransong/XGCN\\_library](https://github.com/xiransong/XGCN_library)

## Research Experience

### Huazhong University of Science and Technology

- Sept. 2021 – present **Large-scale Graph Neural Network Embedding.**  
Developing graph neural network models and training strategies that have better performance on real-world large-scale graphs.

Advisor : **Dr. Hong Huang**, Associate Professor, School of Computer Science & Technology

### Microsoft Research Aisa

- Feb. 2021 – June 2021 **Graph Neural Networks for Friend Recommendation.**  
Applying graph neural networks to friend recommendation and developing models to improve the Xbox-Gaming's friend recommendation services.

Advisor : **Dr. Jianxun Lian**, Senior Researcher, Social Computing Group

## Awards

- 2022 **National Scholarship** of Huazhong University of Science and Technology.  
2022 **Merit Student** of Huazhong University of Science and Technology.