Binchi Zhang

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Research Interests	Graph Mining, Federated Learning, Trustworthy Machine Learning

Education

University of Virginia	Charlottesville, VA, USA
Ph.D. in Computer Engineering	09/2022 – Present
Xi'an Jiaotong University	Xi'an, Shaanxi, China
B.Eng. in Electrical Engineering	09/2018 – 06/2022

Publications

RELIANT: Fair Knowledge Distillation for Graph Neural Networks.
Yushun Dong, **Binchi Zhang**, Yiling Yuan, Na Zou, Qi Wang, Jundong Li.
SDM 2023.

TwiBot-22: Towards Graph-Based Twitter Bot Detection.
Shangbin Feng*, Zhaoxuan Tan*, Herun Wan*, Ningnan Wang*, Zilong Chen*, **Binchi Zhang***, Qinghua Zheng, Wenqian Zhang, Zhenyu Lei, Shujie Yang, Xinshun Feng, Qingyue Zhang, Hongrui Wang, Yuhan Liu, Yuyang Bai, Heng Wang, Zijian Cai, Yanbo Wang, Lijing Zheng, Zihan Ma, Jundong Li, Minnan Luo.
NeurIPS 2022 (Datasets and Benchmarks Track).

Federated Graph Machine Learning: A Survey of Concepts, Techniques, and Applications.
Xingbo Fu, **Binchi Zhang**, Yushun Dong, Chen Chen, Jundong Li.
SIGKDD Explor. Newsl. 2022.

AHEAD: A Triple Attention Based Heterogeneous Graph Anomaly Detection Approach.
Shujie Yang, **Binchi Zhang**, Shangbin Feng, Zhaoxuan Tan, Qinghua Zheng, Ziqi Liu, Minnan Luo.
arXiv preprint 2022.

PPSGCN: A Privacy-Preserving Subgraph Sampling Based Distributed GCN Training Method.

Binchi Zhang, Minnan Luo, Shangbin Feng, Ziqi Liu, Jun Zhou, Qinghua Zheng.
arXiv preprint 2021.

Honors		
Honorable Mention, Mathematical Contest in Modeling	2022
Meritorious Winner, Mathematical Contest in Modeling	2021
First Prize in Shaanxi, The Chinese Mathematics Competitions	2020, 2019
The Third Prize Scholarship, Xi'an Jiaotong University	2020, 2019
Merit Student, Xi'an Jiaotong University	2020

Service		
Subreviewer for WWW	2023
Reviewer for AAAI	2023
Reviewer for NeurIPS, Datasets and Benchmarks Track	2022
Reviewer for ICML	2022