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

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 Explorations, 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 arXiv:2208.08200, 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 arXiv:2110.12906, 2021.

Honors and

Honorable Mention, Mathematical Contest in Modeling	2022

scholarships		
	Meritorious Winner, Mathematical Contest in Modeling	2021
	First Prize of 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	**Reviewer:**	
	AAAI	2023
	NeurIPS, Datasets and Benchmarks Track	2022
	ICML	2022