Binchi Zhang

Department of Electrical and Computer Engineering
University of Virginia
Office: C-308 Thornton Hall
Phone: (434) 257-8089
Email: epb6gw@virginia.edu
Homepage: `https://zhangbinchi.github.io/`

Research Interests   Graph Mining, Trustworthy Machine Learning, Federated Learning

Education

University of Virginia	Charlottesville, VA, USA
Ph.D. in Computer Engineering	09/2022 – Present
Advisor: Dr. Jundong Li	
Xi'an Jiaotong University	Xi'an, Shaanxi, China
B.Eng. in Electrical Engineering	09/2018 – 06/2022
GPA: 3.88/4.3.	

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 (* means equal contribution).
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		
	NSF Graduate Student Travel Award, SDM 2023	2023
	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

Experience		
	Teaching Assistant, Department of ECE, UVA	Sep 2023 - Present
	ECE 6501: Convex Optimization	
	Data Justice Academy Peer Mentor, UVA	June 2023 - Aug 2023
	Supervisor: Dr. Jundong Li	
	Research Assistant, Department of ECE, UVA	Sep 2022 - June 2023
	Advisor: Dr. Jundong Li	

Service		
	Reviewer for AAAI	2024, 2023
	Reviewer for TNNLS	2023
	Subreviewer for CIKM	2023
	Subreviewer for WWW	2023
	Reviewer for NeurIPS, Datasets and Benchmarks Track	2022
	Reviewer for ICML	2022