

Heng Wang

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Research Interests

I am broadly interested in social network analysis, graph mining, and natural language processing. My previous research includes Twitter bot detection, spoiler detection and graph representation learning.

Education

Xi'an Jiaotong University, Xi'an, Shaanxi, China (member of the C9 league in China) 2021.09 - present

Computer Science and Technology Experimental Class (Qian Xuesen Honor Science)

GPA: 94.96/100 (4.17/4.3) [transcript]

Thesis Advisor: Prof. Minnan Luo

Publications (* indicates equal contribution)

[1] **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, Yuhao Liu, Yuyang Bai, Heng Wang, Zijian Cai, Yanbo Wang, Lijing Zheng, Zihan Ma, Jundong Li, Minnan Luo.

In *Proceedings of the NeurIPS, Datasets and Benchmarks Track, 2022*.

[2] **Detecting Spoilers in Movie Reviews with External Movie Knowledge and User Networks**

Heng Wang, Wenqian Zhang, Yuyang Bai, Zhaoxuan Tan, Shangbin Feng, Qinghua Zheng, Minnan Luo.

Honors and Awards

Silver Award (ranking 26/115), ACM ICPC Asia Hong Kong Regional 2023

National Scholarship 2022

Academic Research Award, Xi'an Jiaotong University 2022

Silver Award, CCF Collegiate Computer System and Programming Contest 2022

Silver Award (ranking 61/697), ACM ICPC Asia Kunming Regional 2022

Outstanding Student Leaders, Xi'an Jiaotong University 2022

Dean's List, Xi'an Jiaotong University 2022

Research Experience

Research Assistant, Luo lab Undergraduate Division (LUD) @ Xi'an Jiaotong University

- **Member:** Worked on graph-based Twitter bot detection, heterogeneous graph anomaly detection, and graph neural networks pre-training. 2022.02 - present
- Authored 1*NeurIPS'22.

Advisor: Prof. Minnan Luo

Research Assistant, TsuetShop @ University of Washington

2023.02 - present

- Working on probing the geometric abilities of large language models.

Advisor: Ph.D. student Shangbin Feng, Prof. Yulia Tsvetkov

Services

Reviewer for NeurIPS, Datasets and Benchmarks Track 2022

Skills

- Programming Skills: C/C++, Python, PyTorch, Pascal
- Language Skills: Mandarin (native), English (TOEFL 106: R 30, L 29, S 23, W 24)