Boyu Qiao

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Research Interests

LLM Agent Evaluation, NLP, Social Sciences, GNN, and Social Bot Detection

Education

Institute of Information Engineering, CAS   2021.08 - present

PhD student in Cyberspace security

Hebei University of Technology   2017.08 - 2021.06

B.E. in Network Engineering

Publications

[1] **BotSim: LLM-Powered Malicious Social Botnet Simulation**. Boyu Qiao, Kun Li, Wei Zhou, Shilong Li, Qianqian Lu, and Songlin Hu. In Proceeding of AAAI 2025

[2] **Identifying Bots on Social Media through Coordinated Group Perception**. Boyu Qiao, Kun Li, Wei Zhou, Shilong Li, Qianqian Lu, and Songlin Hu. In Proceeding of ICASSP 2025

[3] **Dispelling the Fake: Social Bot Detection Based on Edge Confidence Evaluation**. Boyu Qiao, Kun Li, Wei Zhou, Shilong Li, and Songlin Hu. In Journal of TNNLS 2024

[4] **Multi-modal Social Bot Detection: Learning Homophilic and Heterophilic Connections Adaptively.** Shilong Li, Boyu Qiao, Kun Li, Qianqian Lu, Meng Lin, Wei Zhou. In Proceeding of MM 2023

[5] **Social Bot Detection Based on Window Strategy**. Boyu Qiao, Kun Li, Wei Zhou, Zhou Yan, Shilong Li, and Songlin Hu. In Proceeding of ICME 2023

Honors and Awards

2023 Songshan Lake Artificial Intelligence Algorithm Challenge "Social network community Detection" track champion	2023
First-class scholarship	2018 - 2021
Advanced Individual in Social Practice of Tianjin	2019

Excellent research report	2019
Tianjin City College Student Innovation and Entrepreneurship Scholarship	2020
Excellent Graduation Thesis	2021

Service

| Reviewer for TKDE | 2024 |
| Reviewer for MM | 2024 |