

Shiqi Lou

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EDUCATION

Xi'an JiaoTong University (member of the C9 league in China) Sep 2020 - Jun 2024
B.E. in Computer Science and Technology Xi'an
GPA: 87.11/100 (+5) Rank: 7/191(overall)
China Construction Bank Fintech Elite Class@Xi'an JiaoTong University Sep 2022 - Jun 2024
B.A. in Economics

RESEARCH INTERESTS

- Data mining, Social Network Analysis, Natural Language Processing, Graph Mining, Large language model

PUBLICATIONS

GADY: Generative Anomaly Detection on Dynamic Graphs

Shiqi Lou, Qingyue Zhang, Shujie Yang, Yuyang Tian, Zhaoxuan Tan, Minnan Luo
arXiv preprint. 2023.

Counting Edges, Wedges, and Triangles over Fully Distributed Graphs with Distributed Trust

Pinghui Wang, Dongxu Zeng, **Shiqi Lou**, Haoxin Yang, Tao Qin
TDSC under review

KGQuiz: Evaluating the Generalization of Encoded Knowledge in Large Language Models

Yuyang Bai, Shangbin Feng, Vidhisha Balachandran, Zhaoxuan Tan, **Shiqi Lou**, Tianxing He, Yulia Tsvetkov
arXiv preprint. 2023.

RESEARCH EXPERIENCE

Generative Anomaly Detection On Dynamic Graphs

Luo lab Undergraduate Division (LUD) @ Xi'an Jiaotong University
Student Research Assistant instructed by Prof. Minnan Luo

- Extend research in this field from discrete graphs to continuous dynamic graphs and achieve excellent performance.
- Used GAN model generating negative samples to boost model's performance.
- Explore the knowledge utilization capacity of large models

Subgraph counting over Fully Distributed Graphs with Distributed Trust

Ministry of Education Key Lab for Intelligent Networks and Network Security @ Xi'an Jiaotong University
Student Research Assistant instructed by Prof. Pinghui Wang

- Designed a more accurate subgraph counting method with security in small and medium graphs.
- Exploring Safe Counting Algorithms in Graph.

HONORS & AWARDS

First prize, China Robot Competition--Service robot competition, China Association of Automation	2022
Finalist Winner(1%), Mathematical Contest in Modeling(MCM)	2022
Dean's List, Xi'an Jiaotong University	2022
Scholarship for Outstanding Students, Second Prize, Xi'an Jiaotong University	2021
Provincial second prize, Blue Bridge Cup programming competition	2023
Gold Medal, The 32nd Ascendas Cup	2021
Outstanding student leaders of Henan Province(Only 54 students in Henan province)	2020
Outstanding student leaders, Xi'an Jiaotong University	2021
Scholarship for Outstanding Students, Third Prize, Xi'an Jiaotong University	2022

LEADERSHIP EXPERIENCE

Student Union of Xi 'an Jiaotong University Jul 2021 - Jun 2022
Minister Academic Activities Department

MISCELLANEOUS

Programming Languages: Python, C/C++, JavaScript, HTML/CSS, Shell Script

Frameworks & Tools: PyTorch, Scikit-learn, Git, CUDA, Linux, ROS,

Languages: Chinese (native), English

Interests: Travelling, Swimming