

Shiqi Lou

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EDUCATION

Xi'an JiaoTong University (member of the C9 league in China) B.E. in Computer Science and Technology GPA: 87.7(+5)/100	Sep 2020 Xi'an
China Construction Bank Fintech Elite Class@Xi'an JiaoTong University AB in Economics	Sep 2022 - Jun 2024

RESEARCH INTERESTS

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

PUBLICATIONS

GADY: Generative Anomaly Detection on Dynamic Graphs

Shiqi Lou, Qingyue Zhang, Shujie Yang, Yuyang Tian, Zhaoxuan Tan, Qinghua Zheng and Minnan Luo
AAAI under review

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
EMNLP under review

RESEARCH EXPERIENCE

Generative Anomaly Detection On Dynamic Graphs <u>Luo lab Undergraduate Division (LUD) @ Xi'an Jiaotong University</u> Student Research Assistant instructed by Prof. <u>Minnan Luo</u> <ul style="list-style-type: none">• Extend research in this field from discrete graphs to continuous dynamic graphs and achieve very good performance.• Used GAN model generating negative samples to boost model's performance.• Explored efficient methods for anomaly detection on dynamic graphs.• Explored learning representation methods for static and dynamic graphs.	Oct 2022 - Present
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 <ul style="list-style-type: none">• Designed a more accurate subgraph counting method with security in small and medium graphs.• Exploring Safe Counting Algorithms in Graph.	Sep 2022 - Dec 2022

HONORS & AWARDS

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

LEADERSHIP & EXTRACURRICULARS

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

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

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

Languages: Chinese (native), English(CET-4: 591, CET-6: 511)

Interests: Travelling, Swimming