

Xinyan Su

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🎓 In the fifth year of Ph.D. program

RESEARCH INTEREST

- I am very much interested in **Influence Maximization, Causal Inference** and other fields relevant to **Social Networks**, such as: information spreading mechanism, online learning, and LLM-based relevant tasks.
- I am diligent in thinking, and passionate about exploring and researching scientific questions.
- Desiring for an opportunity to work with a team to gain practical and professional experience

EDUCATION

Computer Network Information Center, Chinese Academy of Sciences;
University of Chinese Academy of Sciences

2020 – Present

- pursuing for a Direct PhD degree
- Cumulative GPA – 3.80/4.0

Beijing University of Posts and Telecommunications
Network Engineering, School of Computer Science

Sep 2016 – Jun 2020

- Bachelor of Engineering B.E.
- Final Rankings – Top %5

ADVANCED TECHNICAL SKILLS & Languages

- Programming Language –Python ,C,C++ [Basic]
- CET 6 (540+)
- Latex [good]
- Linux OS, [Basic]

PUBLICATIONS & CURRENT WORK

Unveiling Environmental Sensitivity of Individual Gains in Influence Maximization 2023-present
○ (Top Conference)) under review

Causal-Inspired Influence Maximization in Hypergraphs Under Temporal Constraints 2023
○ Xinyan Su, Jiyao Qiu, Zhiheng Zhang, Jun li
○ 2023 International Conference on Neural Information Processing (ICONIP '23)

Dynamic Group Effects Analysis for Online Influence Maximization in Hypergraphs 2024
○ Xinyan Su, Zhiheng Zhang, Jun li
○ 2024 International Conference on Neural Information Processing (ICONIP '24)

Fair Optimization Strategy for Diverse Network Interference manuscript stage
construct a robust and fair algorithm framework for group-based IM

PROJECTS

Understanding and Predicting Online Group Behavior Based on Causal Reasoning 2022
○ To study the behavioral patterns of online groups as research objects and to understand the future development trend of the events therein.

Blockchain-based digital asset trading platform for campuses 2019

- rectification of Fingerprint algorithm extraction technology.

Microblogging system, data management system development

2017-2018

- Django, C++ programming

AWARDS AND COMPETITIONS

Awards during graduate period

2020 - *present*

- year-end scholarship

Awards during undergraduate period

2016-2020

- the first-class scholarship (2016-2017)
- the Shenzhen Stock Exchange Scholarship, H award in MCM (2017-2018)
- the third prize in the Beijing Mathematical Contest (2018-2019)