



Chao Liu  
刘超

## Information



Age : 25



Nation : China



Origin : Guang xi



Living : Nan ning



The 2st year for PhD

## Research interest:

Decision making  
Data analysis  
Social network analysis

## Contact Way



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liuchaos03@foxmail.com



## Education

2016.09

Northeastern University (985)

**Major:** Information management and information system

2020.08

Harbin Institute of Technology(985)

**Major:** Management Science and Engineering

GPA: 3.40  
(4/64)

### Professional courses (marks)

Data driven management decision model (100)

Data structure (100)

Data analysis and data mining (100)

Information system analysis and design (96)



## Skills

**Tool:** Matlab, Python, Hadoop, R, Gephi, Spss

**Technology:** Data analysis and data mining,  
Social network analysis and simulation,  
Distributed computing,



## Experience

### Research publication

- Li, Y., **Liu, C.**, & Pao PIN. (2022), Referral Strategy Based on Social Network Incentive. IEEE Transactions on Computational Social Systems. (Under Review; SSCI )
- Li, Y., **Liu, C.**, Wang, T., & Sun, B. (2021). Dynamic patterns of daily lead-lag networks in stock markets. Quantitative Finance.( SCI, AJG 3)
- Li, Y., Wang, T C., & **Liu, C.** (2022), “Power-law distribution, Lead-lag effect, and Investment strategies in Stock Markets. Financial Innovation. ((SSCI )
- 刘超, 张恩勇, 李永立.(2022). 基于多层复杂网络结构分析的关联贷款风险识别模型. 管理评论, (Forthcoming; CSSCI)
- 李永立, 刘超, & 张涵钧. (2021). 面向政策信息学与政策智能的网络分析技术. 中国科学基金, (CSSCI)
- 李永立, 刘超, 樊宁远, & 樊治平. (2020). 众筹平台上网络外部性的价值度量模型. 管理科学学报.(CSSCI)
- 李永立, 乔立新, 刘超, & 樊宁远. (2020). 社会网络的价值度量模型及再推荐策略中的应用研究. 经济与管理出版社.

Note: Li, Y(李永立) is my supervisor.



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## Experience

### Research project

- 2019.08-2022.08: Data analysis @ China Mobile Co., Ltd
  - ☑ Smart finance and big data business analysis based on user behavior.
- 2021.08-2022.08: Data analysis @ Marketing Department of DiDi company
  - ☑ Life cycle value modeling and evaluation of drivers and passengers.
- 2021.08-2022.08: Algorithm design @ Guangdong Development Bank
  - ☑ Project on financial data security grading based on knowledge graph
- 2020.03-2020.11: Mathematical modeling @ Heilongjiang Government
  - ☑ Strategies and optimization methods for student management under COVID-19.
- 2020.02-2020.06: Data analysis @ Industrial Internet Research Institute
  - ☑ Research on the measurement method of the impact of industrial Internet



## Honors

- 2019 International Undergraduate Mathematical Modeling Competition Outstanding Winner (36/25370)
- The 5th president Medal of Northeast University (10/48000)
- Outstanding graduates of Liaoning Province, China in 2020
- Harbin Institute of Technology Scholarship in 2020
- Northeast University Scholarship in 2019
- Jinchuan scholarship in 2019