

韩潇

教授，信息管理与工程学院，上海财经大学

邮箱: xiaohan@mail.shufe.edu.cn, 联系电话: 13916054458

工作经历

2015 至 2020 助理研究员/助理教授，信息管理与工程学院，上海财经大学
2020 至 2021 副教授，信息管理与工程学院，上海财经大学
2021 至 2023 常任副教授，信息管理与工程学院，上海财经大学
2023 至今 常任教授，信息管理与工程学院，上海财经大学

教育背景

2011-2015 博士，计算机专业，法国巴黎第六大学及国立电信研究院
导师: Noel Crespi
2008-2011 硕士，自动化学院，网络与信息安全，西北工业大学
2004-2008 学士，自动化学院，信息对抗技术，西北工业大学

访学经历

2015.07 访问学者，哥廷根大学，合作导师: 傅晓明 (欧洲科学院院士)
2014.07-2014.08 访问学者，清华大学，合作导师: 温江涛 (IEEE Fellow)
2012.12-2013.01 访问学者，清华大学，合作导师: 温江涛 (IEEE Fellow)

个人简介

研究兴趣包括数据挖掘、数据安全、机器学习、隐私计算等，在 MIS Quarterly, Inform's Journal on Computing, IEEE Transaction on Dependable and Secure Computing, IEEE Transactions on Information Forensics and Security, IEEE Transactions on Knowledge and Data Engineering, World Wide Web Conference, AAI Conference on Artificial Intelligence 等国际知名期刊及会议发表论文 30 余篇，指导学生获第八届 IEEE 网络空间数据科学国际会议杰出学生论文奖。Google 学术统计引用共 1200 余次。

主持国家自然科学基金项目 2 项，国家语委重点项目 1 项；参与国家自然科学基金重点项目 1 项。其中已结项的国家自科青年基金获基金委管理学部后评估特优评价 (前 5%)。获上海市青年五四奖章，上海东方英才计划 (青年)，上海市科技进步奖二等奖 (4/10)，上海市第十六届哲学社会科学优秀成果奖二等奖等荣誉。任管理科学与工程学会人工智能与管理应用分会委员，上海开源信息技术协会大数据专委会副主任；并担任 SIGKDD、WITS、PACIS、AAAI 等国际会议程序委员会委员，以及国内外知名期刊 MIS Quarterly, INFORMS Journal on Computing, IEEE Transactions on Service Computing, Expert Systems with Applications, Electronic Commerce Research and Applications, Fundamental Research, 《管理科学学报》、《系统工程理论与实践》等期刊审稿人。

- **Xiao Han**, Yuncong Yang, Junjie Wu, Hui Xiong, “HyObscure: Hybrid Obscuring for Privacy-preserving Data Publishing”. *IEEE Transactions on Knowledge and Data Engineering*, Early Access.
- **Xiao Han**, Yuncong Yang, Leye Wang, Junjie Wu, “Privacy-Preserving Network Embedding against Private Link Inference Attacks”. *IEEE Transactions on Dependable and Secure Computing*, 21(2):847-859, 2024.
- Jie Zhu, Leye Wang*, **Xiao Han***, A. Liu, Tao Xie. “Safety and Performance, Why Not Both? Bi-Objective Optimized Model Compression against Heterogeneous Attacks toward AI Software Deployment” . *IEEE Transactions Software Engineering*, 50(3): 376-390, 2024.
- **Xiao Han**, Leye Wang, Weiguo Fan, “Cost-Effective Social Media Influencer Marketing”, *Infoms Journal on Computing*, 35(1):138-157, 2023.
- **Xiao Han**, Leye Wang, Weiguo Fan, “Is Hidden Safe? Location Protection against Machine-Learning Prediction Attacks in Social Networks”, *MIS Quarterly*, 45(2): 821-858, 2021.
- Leye Wang, Dingqi Yang, **Xiao Han***, Daqing Zhang, Xiaojuan Ma. “Mobile Crowdsourcing Task Allocation with Differential-and-Distortion Geo-Obfuscation”. *IEEE Transactions on Dependable and Secure Computing*, 18(2): 967-981, 2021.
- Leye Wang, Daqing Zhang, Dingqi Yang, Brian Y. Lim, **Xiao Han**, Xiaojuan Ma, “Sparse Mobile Crowdsensing with Differential and Distortion Location Privacy”. *IEEE Transactions on Information Forensics and Security*, 15(1): 2735-2749, 2020.
- **Xiao Han**, Hailiang Huang, Leye Wang. “F-PAD: Private Attribute Disclosure Risk Estimation in Online Social Networks”. *IEEE Transactions on Dependable and Secure Computing*, 16(6): 1054-1069, 2019.
- Leye Wang, Daqing Zhang, Dingqi Yang, Animesh Pathak, Chao Chen, **Xiao Han***, Haoyi Xiong, Yasha Wang, “SPACE-TA: Cost-Effective Task Allocation Exploiting Intradata and Interdata Correlations in Sparse Crowdsensing”. *ACM Transactions on Intelligent Systems and Technology*, 9(2): 20:1-20:28, 2018.
- **Xiao Han**, Leye Wang, Reza Farahbakhsh, Angel Cuevas, Ruben Cuevas, Noel Crespi, “CSD: A Multi-User Similarity Metric for Community Recommendation in Online Social Networks” . *Expert Systems with Applications*, 53: 14-26, 2016.
- Leye Wang, Daqing Zhang, Yasha Wang, Chao Chen, **Xiao Han***, Abdallah Mhamed. “Sparse Mobile Crowdsensing: Challenges and Opportunities”. *IEEE Communications Magazine*, 54(7): 161-167, 2016.
- **Xiao Han**, Leye Wang, Noel Crespi, Soochang Park, Angel Cuevas. “Alike People, Alike Interests? Inferring Interest Similarity in Online Social Networks”. *Decision Support Systems*, 69: 92–106, 2015.
- Reza Farahbakhsh, Angel Cuevas, Antonio Manuel Ortiz, **Xiao Han**, Noel Crespi. “How far is Facebook from me? Facebook network infrastructure analysis”. *IEEE Communications Magazine*, 53(9): 134-142, 2015.

- **Xiao Han**, Angel Cuevas, Noel Crespi, Ruben Cuevas, Xiaodi Huang. “On Exploiting Social Relationship and Personal Background for Content Discovery in P2P Networks”. *Future Generation Computer Systems*, 40: 17–29, 2014.

会议论文

- Yuncong Yang, Minghao Lai, **Xiao Han**, “CoReg: Membership Privacy Protection via Collaborative Regularization”. *IEEE DSC*, 2023. (**Outstanding Student Paper Award**)
- Ruiqing Ding, **Xiao. Han***, Leye Wang, “A Unified Knowledge Graph Augmentation Service for Boosting Domain-specific NLP Tasks”. *ACL Findings* 2023.
- Ruiqing Ding, Fangjie Rong, **Xiao Han***, Leye Wang. “Cross-center Early Sepsis Recognition by Medical Knowledge Guided Collaborative Learning for Data-scarce Hospitals”. *The Web Conference (WWW)*, 2023.
- Chung-ju Huang, Leye Wang, **Xiao Han***. “Vertical Federated Knowledge Transfer via Representation Distillation for Healthcare Collaboration Networks”. *The Web Conference (WWW)*, 2023.
- Jie Zhu, Leye Wang, **Xiao Han***. “Safety and Performance, Why not Both? Bi-Objective Optimized Model Compression toward AI Software Deployment”. *IEEE/ACM International Conference on Automated Software Engineering (ASE) 2022*: 88:1-88:13
- Biyang Guo, Songqiao Han, **Xiao Han**, Hailiang Huang, Ting Lu. “Label Confusion Learning to Enhance Text Classification Models”. *AAAI Conference on Artificial Intelligence (AAAI)*, 2020.
- Leye Wang, Gehua Qin, Dingqi Yang, **Xiao Han**, Xiaojuan Ma. “Geographic Differential Privacy for Mobile Crowd Coverage Maximization”. *AAAI Conference on Artificial Intelligence (AAAI)*, 2018.
- **Xiao Han**, Leye Wang, Hailiang Huang, “Deep Investment Behavior Profiling by Recurrent Neural Network in P2P Lending”. *International Conference on Information Systems (ICIS)*, 2017.
- Leye Wang, Dingqi Yang, **Xiao Han**, Tianben Wang, Daqing Zhang, Xiaojuan Ma. “Location Privacy-Preserving Task Allocation in Mobile Crowdsensing with Differential Geo-Obfuscation”. *World Wide Web Conference (WWW)*, 2017.
- **Xiao Han**, Leye Wang, “Are You Really Hidden? Estimating Current City Exposure Risk in Online Social Networks”. *Pacific Asia Conference on Information Systems (PACIS)*, 2016.
- **Xiao Han**, Leye Wang, Song N. Han, Chao Chen, Noel Crespi, Reza Farahbakhsh. “Link Prediction for New Users in Social Networks”. *IEEE International Conference on Communications (ICC)*, 2015.
- **Xiao Han**, Leye Wang, Soochang Park, Angel Cuevas, Noel Crespi. “Alike People, Alike Interests? A Large-scale Study on Interest Similarity in Social Networks”. *IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM)*, 2014.
- Reza Farahbakhsh, **Xiao Han**, Angel Cuevas, Noel Crespi. “Analysis of publicly disclosed

- information in Facebook profiles”. *IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM)*, 2013.
- Wipada Chanthaweethip, **Xiao Han**, Noel Crespi, Yuanfang Chen, Reza Farahbakhsh, Angel Cuevas. "Current City" prediction for coarse location based applications on Facebook. *IEEE Global Communications Conference (GLOBECOM)*, 2013
 - Dina Hussein, Son N. Han, **Xiao Han**, Gyu Myoung Lee, Noel Crespi: A Framework for Social Device Networking. *IEEE International Conference on Distributed Computing in Sensor Systems (DCOSS)*, 2013

科研项目	
2021-2024	国家自然科学基金重点项目，“面向智慧城市的数据安全风险防范方法与策略研究”（72031001），参与
2021-2024	国家自然科学基金面上项目，“个人数据开放自主决策支持：可解释的隐私安全与数据效用权衡的多策略组合优化研究”（72071125），主持
2017-2019	国家自然科学基金青年项目，“基于多模态社会关系的 P2P 借贷用户信用评估模型研究”（71601106），主持（基金委管理学部后评估“特优”）
2017-2019	国家语委重点项目，“网络言语特征刻画与身份识别方法研究”（ZDI135-18），主持（结项评估优秀）
奖项	
2019	上海市青年五四奖章
2023	上海东方英才计划青年项目
2022	上海市科技进步奖二等奖（排名：4/10）
2023	上海市第十六届哲学社会科学优秀成果奖二等奖
2024	上海开源创新卓越成果奖一等奖（排名：1/6）
2021	上海市计算机学会自然科学奖三等奖（排名：2/5）
2022/2020	全国计算机设计大赛一等奖（指导教师）
2023/2019/2018	上海财经大学本科生优秀毕业论文（指导教师）
2017	上海财经大学青年教师教学竞赛 理工组二等奖（工科第一）
教学经验	
2016-2019	面向对象程序设计（本科）
2017-至今	社交媒体分析（硕士/本科）
2019-2020	高级程序设计（本科）
2020-2021	数据结构（本科）
2020 至今	数据科学导论（本科）
2022 至今	信息系统分析与设计（本科）
2022 至今	数据挖掘与商务智能（本科 MOOC）