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教育及工作经历

清华大学	2022年12月至今
助理教授 网络科学与网络空间研究院 博士生导师	
清华大学	2020年11月至2022年11月
博士后 网络科学与网络空间研究院 合作导师：段海新教授	
美国加州大学伯克利分校	2018年01月至2019年01月
访问学者 国际计算机科学研究所 指导教师：Vern Paxson 教授	
清华大学	2015年09月至2020年10月
工学博士 计算机科学与技术系 指导教师：刘莹研究员 助研 网络和系统安全研究室 指导教师：段海新教授	
西安电子科技大学	2011年09月至2015年06月
工学学士 电子信息工程学院 信息对抗技术专业	

主要研究方向

域名系统安全；公钥基础设施安全；网络测量与分析；网络协议安全分析；涉网犯罪检测与分析

部分学术论文成果

- Wuyao Mai, Geng Hong, Pei Chen, Xudong Pan, **Baojun Liu**, Yuan Zhang, Haixin Duan, Min Yang. “You Can’t Eat Your Cake and Have It Too: The Performance Degradation of LLMs with Jailbreak Defense.” *CoRR*, vol. abs/2501.12210, 2025.
- Fenglu Zhang, **Baojun Liu**, Chaoyi Lu, Yunpeng Xing, Haixin Duan, Ying Liu, Liyuan Chang. “Investigating Deployment Issues of DNS Root Server Instances From a China-Wide View.” *IEEE Trans. Dependable Secur. Comput.*, vol. 21, no. 6, pp. 5275 - 5292, 2024.
- Yunpeng Xing, Chaoyi Lu, **Baojun Liu**, Haixin Duan, Junzhe Sun, Zhou Li. “Yesterday Once More: Global Measurement of Internet Traffic Shadowing Behaviors.” In *Proceedings of the 2024 ACM on Internet Measurement Conference (IMC 2024)*, Madrid, Spain, November 4 - 6, 2024, pp. 230 - 240. ACM, 2024.
- Ruixuan Li, Shaodong Xiao, **Baojun Liu**, Yanzhong Lin, Haixin Duan, Qingfeng Pan, Jianjun Chen, Jia Zhang, Ximeng Liu, Xiuqi Lu, Jun Shao. “Bounce in the Wild: A Deep Dive into Email Delivery Failures from a Large Email Service Provider.” In *Proceedings of the 2024 ACM on Internet Measurement Conference (IMC 2024)*, Madrid, Spain, November 4 - 6, 2024, pp. 659 - 673. ACM, 2024.
- Mingxuan Liu, Yiming Zhang, Xiang Li, Chaoyi Lu, **Baojun Liu**, Haixin Duan, Xiaofeng Zheng. “Understanding the Implementation and Security Implications of Protective DNS Services.” In *31st Annual Network and Distributed System Security Symposium (NDSS 2024)*, San Diego, California, USA, February 26 - March 1, 2024. The Internet Society, 2024.
- Xiang Li, Wei Xu, **Baojun Liu**, Mingming Zhang, Zhou Li, Jia Zhang, Deliang Chang, Xiaofeng Zheng, Chuhan Wang, Jianjun Chen, Haixin Duan, Qi Li. “TuDoor Attack: Systematically Exploring and Exploiting Logic Vulnerabilities in DNS Response Pre-processing with Malformed Packets.” In *IEEE Sym-*

posium on Security and Privacy (SP 2024), San Francisco, CA, USA, May 19 - 23, 2024, pp. 4459 - 4477. IEEE, 2024.

7. Yijing Liu, Yiming Zhang, **Baojun Liu**[✉], Haixin Duan, Qiang Li, Mingxuan Liu, Ruixuan Li, Jia Yao. “Tickets or Privacy? Understand the Ecosystem of Chinese Ticket Grabbing Apps.” In *33rd USENIX Security Symposium (USENIX Security 2024)*, Philadelphia, PA, USA, August 14 - 16, 2024. USENIX Association, 2024.
8. Yunyi Zhang, **Baojun Liu**[✉], Haixin Duan, Min Zhang[✉], Xiang Li, Fan Shi, Chengxi Xu, Eihal Alowaisheq. “Rethinking the Security Threats of Stale DNS Glue Records.” In *33rd USENIX Security Symposium (USENIX Security 2024)*, Philadelphia, PA, USA, August 14 - 16, 2024. USENIX Association, 2024.
9. Yunyi Zhang, Mingxuan Liu, **Baojun Liu**, Yiming Zhang, Haixin Duan, Min Zhang, Hui Jiang, Yanzhe Li, Fan Shi. “Into the Dark: Unveiling Internal Site Search Abused for Black Hat SEO.” In *33rd USENIX Security Symposium (USENIX Security 2024)*, Philadelphia, PA, USA, August 14 - 16, 2024. USENIX Association, 2024.
10. Yunyi Zhang, Mingming Zhang, **Baojun Liu**[✉], Zhan Liu, Jia Zhang, Haixin Duan, Min Zhang, Fan Shi, Chengxi Xu. “Cross the Zone: Toward a Covert Domain Hijacking via Shared DNS Infrastructure.” In *33rd USENIX Security Symposium (USENIX Security 2024)*, Philadelphia, PA, USA, August 14 - 16, 2024. USENIX Association, 2024.
11. Ruixuan Li, **Baojun Liu**[✉], Chaoyi Lu, Haixin Duan, Jun Shao[✉]. “A Worldwide View on the Reachability of Encrypted DNS Services.” In *Proceedings of the ACM on Web Conference 2024 (WWW 2024)*, Singapore, May 13 - 17, 2024, pp. 1193 - 1202. ACM, 2024.
12. Mengying Wu, Geng Hong, Jinsong Chen, Qi Liu, Shujun Tang, Youhao Li, **Baojun Liu**, Haixin Duan, Min Yang. “Revealing the Black Box of Device Search Engine: Scanning Assets, Strategies, and Ethical Consideration.” *CoRR*, vol. abs/2412.15696, 2024.
13. Fenglu Zhang, **Baojun Liu**[✉], Eihal Alowaisheq, Jianjun Chen, Chaoyi Lu, Linjian Song, Yong Ma, Ying Liu, Haixin Duan, Min Yang. “Silence is not Golden: Disrupting the Load Balancing of Authoritative DNS Servers.” In *Proceedings of the ACM Turing Award Celebration Conference - China 2023 (ACM TURC 2023)*, Wuhan, China, July 28 - 30, 2023, pp. 133–135. ACM, 2023.
14. Fenglu Zhang, **Baojun Liu**[✉], Eihal Alowaisheq, Jianjun Chen, Chaoyi Lu, Linjian Song, Yong Ma, Ying Liu[✉], Haixin Duan, Min Yang. “Silence is not Golden: Disrupting the Load Balancing of Authoritative DNS Servers.” In *Proceedings of the 2023 ACM SIGSAC Conference on Computer and Communications Security (CCS 2023)*, Copenhagen, Denmark, November 26 - 30, 2023, pp. 296–310. ACM, 2023.
15. Wei Xu, Xiang Li, Chaoyi Lu, **Baojun Liu**[✉], Haixin Duan[✉], Jia Zhang, Jianjun Chen, Tao Wan. “TsuK-ing: Coordinating DNS Resolvers and Queries into Potent DoS Amplifiers.” In *Proceedings of the 2023 ACM SIGSAC Conference on Computer and Communications Security (CCS 2023)*, Copenhagen, Denmark, November 26 - 30, 2023, pp. 311–325. ACM, 2023.
16. Zhenrui Zhang, Geng Hong, Xiang Li, Zhuoqun Fu, Jia Zhang, Mingxuan Liu, Chuhan Wang, Jianjun Chen, **Baojun Liu**, Haixin Duan, Chao Zhang, Min Yang. “Under the Dark: A Systematical Study of Stealthy Mining Pools (Ab)use in the Wild.” In *Proceedings of the 2023 ACM SIGSAC Conference on Computer and Communications Security (CCS 2023)*, Copenhagen, Denmark, November 26 - 30, 2023, pp. 326–340. ACM, 2023.
17. Fenglu Zhang, Yunyi Zhang, **Baojun Liu**[✉], Eihal Alowaisheq, Lingyun Ying, Xiang Li, Zaifeng Zhang, Ying Liu, Haixin Duan[✉], Min Zhang. “Wolf in Sheep’s Clothing: Evaluating Security Risks of the Undelegated Record on DNS Hosting Services.” In *Proceedings of the 2023 ACM on Internet Measurement Conference (IMC 2023)*, Montreal, QC, Canada, October 24 - 26, 2023, pp. 188–197. ACM, 2023.

18. Xiang Li, **Baojun Liu**, Xuesong Bai, Mingming Zhang, Qifan Zhang, Zhou Li, Haixin Duan, Qi Li. “Ghost Domain Reloaded: Vulnerable Links in Domain Name Delegation and Revocation.” In *30th Annual Network and Distributed System Security Symposium (NDSS 2023)*, San Diego, California, USA, February 27 - March 3, 2023. The Internet Society, 2023.
19. Mingming Zhang, Xiang Li, **Baojun Liu**, Jianyu Lu, Yiming Zhang, Jianjun Chen, Haixin Duan, Shuang Hao, Xiaofeng Zheng. “Detecting and Measuring Security Risks of Hosting-Based Dangling Domains.” In *Abstract Proceedings of the 2023 ACM SIGMETRICS International Conference on Measurement and Modeling of Computer Systems (SIGMETRICS 2023)*, Orlando, FL, USA, June 19 - 23, 2023, pp. 87–88. ACM, 2023.
20. Xiang Li, Chaoyi Lu, **Baojun Liu**, Qifan Zhang, Zhou Li, Haixin Duan, Qi Li. “The Maginot Line: Attacking the Boundary of DNS Caching Protection.” In *32nd USENIX Security Symposium (USENIX Security 2023)*, Anaheim, CA, USA, August 9 - 11, 2023, pp. 3153–3170. USENIX Association, 2023.
21. Run Guo, Jianjun Chen, Yihang Wang, Keran Mu, **Baojun Liu**, Xiang Li, Chao Zhang, Haixin Duan, Jianping Wu. “Temporal CDN-Convex Lens: A CDN-Assisted Practical Pulsing DDoS Attack.” In *32nd USENIX Security Symposium (USENIX Security 2023)*, Anaheim, CA, USA, August 9 - 11, 2023, pp. 6185–6202. USENIX Association, 2023.
22. Mingxuan Liu, Yiming Zhang, **Baojun Liu**, Haixin Duan. “Exploring the Characteristics and Security Risks of Emerging Emoji Domain Names.” In *Computer Security - ESORICS 2022 - 27th European Symposium on Research in Computer Security*, Copenhagen, Denmark, September 26 - 30, 2022, Lecture Notes in Computer Science, vol. 13556, pp. 186–206. Springer, 2022.
23. Huikai Xu, Miao Yu, Yanhao Wang, Yue Liu, Qinsheng Hou, Zhenbang Ma, Haixin Duan, Jianwei Zhuge, **Baojun Liu**. “Trampoline Over the Air: Breaking in IoT Devices Through MQTT Brokers.” In *7th IEEE European Symposium on Security and Privacy (EuroS&P 2022)*, Genoa, Italy, June 6 - 10, 2022, pp. 171–187. IEEE, 2022.
24. Xuewei Feng, Qi Li, Kun Sun, Ke Xu, **Baojun Liu**, Xiaofeng Zheng, Qiushi Yang, Haixin Duan, Zhiyun Qian. “PMTUD is not Panacea: Revisiting IP Fragmentation Attacks against TCP.” In *29th Annual Network and Distributed System Security Symposium (NDSS 2022)*, San Diego, California, USA, April 24 - 28, 2022. The Internet Society, 2022.
25. Fenglu Zhang, Chaoyi Lu, **Baojun Liu**, Haixin Duan, Ying Liu. “Measuring the Practical Effect of DNS Root Server Instances: A China-Wide Case Study.” In *Passive and Active Measurement - 23rd International Conference (PAM 2022)*, Virtual Event, March 28 - 30, 2022, Lecture Notes in Computer Science, vol. 13210, pp. 247–263. Springer, 2022.
26. Qinge Xie, Shujun Tang, Xiaofeng Zheng, Qingran Lin, **Baojun Liu**, Haixin Duan, Frank Li. “Building an Open, Robust, and Stable Voting-Based Domain Top List.” In *31st USENIX Security Symposium (USENIX Security 2022)*, Boston, MA, USA, August 10 - 12, 2022, pp. 625–642. USENIX Association, 2022.
27. Chuhan Wang, Kaiwen Shen, Minglei Guo, Yuxuan Zhao, Mingming Zhang, Jianjun Chen, **Baojun Liu**, Xiaofeng Zheng, Haixin Duan, Yanzhong Lin, Qingfeng Pan. “A Large-scale and Longitudinal Measurement Study of DKIM Deployment.” In *31st USENIX Security Symposium (USENIX Security 2022)*, Boston, MA, USA, August 10 - 12, 2022, pp. 1185–1201. USENIX Association, 2022.
28. Deliang Chang, Shanshan Hao, Zhou Li, **Baojun Liu**, Xing Li. “DNSWeight: Quantifying Country-Wise Importance of Domain Name System.” *IEEE Access*, vol. 9, pp. 133240–133257, 2021.
29. Mingxuan Liu, Yiming Zhang, **Baojun Liu**, Zhou Li, Haixin Duan, Donghong Sun. “Detecting and Characterizing SMS Spearphishing Attacks.” In *ACSAC '21: Annual Computer Security Applications Conference*, Virtual Event, USA, December 6 - 10, 2021, pp. 930–943. ACM, 2021.

30. Yiming Zhang, **Baojun Liu**, Chaoyi Lu, Zhou Li, Haixin Duan, Jiachen Li, Zaifeng Zhang. “Rusted Anchors: A National Client-Side View of Hidden Root CAs in the Web PKI Ecosystem.” In *CCS '21: 2021 ACM SIGSAC Conference on Computer and Communications Security*, Virtual Event, Republic of Korea, November 15 - 19, 2021, pp. 1373–1387. ACM, 2021.
31. Xiang Li, **Baojun Liu**, Xiaofeng Zheng, Haixin Duan, Qi Li, Youjun Huang. “Fast IPv6 Network Periphery Discovery and Security Implications.” In *51st Annual IEEE/IFIP International Conference on Dependable Systems and Networks (DSN 2021)*, Taipei, Taiwan, June 21 - 24, 2021, pp. 88–100. IEEE, 2021.
32. Chaoyi Lu, **Baojun Liu**, Yiming Zhang, Zhou Li, Fenglu Zhang, Haixin Duan, Ying Liu, Joann Qionga Chen, Jinjin Liang, Zaifeng Zhang, Shuang Hao, Min Yang. “From WHOIS to WHOWAS: A Large-Scale Measurement Study of Domain Registration Privacy under the GDPR.” In *28th Annual Network and Distributed System Security Symposium (NDSS 2021)*, virtually, February 21 - 25, 2021. The Internet Society, 2021.
33. Kaiwen Shen, Chuhan Wang, Minglei Guo, Xiaofeng Zheng, Chaoyi Lu, **Baojun Liu**, Yuxuan Zhao, Shuang Hao, Haixin Duan, Qingfeng Pan, Min Yang. “Weak Links in Authentication Chains: A Large-scale Analysis of Email Sender Spoofing Attacks.” In *30th USENIX Security Symposium (USENIX Security 2021)*, August 11 - 13, 2021, pp. 3201–3217. USENIX Association, 2021.
34. Yiming Zhang, **Baojun Liu**, Chaoyi Lu, Zhou Li, Haixin Duan, Shuang Hao, Mingxuan Liu, Ying Liu, Dong Wang, Qiang Li. “Lies in the Air: Characterizing Fake-base-station Spam Ecosystem in China.” In *CCS '20: 2020 ACM SIGSAC Conference on Computer and Communications Security*, Virtual Event, USA, November 9 - 13, 2020, pp. 521–534. ACM, 2020.
35. Mingming Zhang, Xiaofeng Zheng, Kaiwen Shen, Ziqiao Kong, Chaoyi Lu, Yu Wang, Haixin Duan, Shuang Hao, **Baojun Liu**, Min Yang. “Talking with Familiar Strangers: An Empirical Study on HTTPS Context Confusion Attacks.” In *CCS '20: 2020 ACM SIGSAC Conference on Computer and Communications Security*, Virtual Event, USA, November 9 - 13, 2020, pp. 1939–1952. ACM, 2020.
36. Weizhong Li, Kaiwen Shen, Run Guo, **Baojun Liu**, Jia Zhang, Haixin Duan, Shuang Hao, Xiarun Chen, Yao Wang. “CDN Backfired: Amplification Attacks Based on HTTP Range Requests.” In *50th Annual IEEE/IFIP International Conference on Dependable Systems and Networks (DSN 2020)*, Valencia, Spain, June 29 - July 2, 2020, pp. 14–25. IEEE, 2020.
37. Run Guo, Weizhong Li, **Baojun Liu**, Shuang Hao, Jia Zhang, Haixin Duan, Kaiwen Sheng, Jianjun Chen, Ying Liu. “CDN Judo: Breaking the CDN DoS Protection with Itself.” In *27th Annual Network and Distributed System Security Symposium (NDSS 2020)*, San Diego, California, USA, February 23 - 26, 2020. The Internet Society, 2020.
38. Xiaofeng Zheng, Chaoyi Lu, Jian Peng, Qiushi Yang, Dongjie Zhou, **Baojun Liu**, Keyu Man, Shuang Hao, Haixin Duan, Zhiyun Qian. “Poison Over Troubled Forwarders: A Cache Poisoning Attack Targeting DNS Forwarding Devices.” In *29th USENIX Security Symposium (USENIX Security 2020)*, August 12 - 14, 2020, pp. 577–593. USENIX Association, 2020.
39. Kaiwen Shen, Chuhan Wang, Minglei Guo, Xiaofeng Zheng, Chaoyi Lu, **Baojun Liu**, Yuxuan Zhao, Shuang Hao, Haixin Duan, Qingfeng Pan, Min Yang. “Weak Links in Authentication Chains: A Large-scale Analysis of Email Sender Spoofing Attacks.” *CoRR*, vol. abs/2011.08420, 2020.
40. **Baojun Liu**, Chaoyi Lu, Haixin Duan, Ying Liu, Zhou Li, Shuang Hao, Min Yang. “Who is answering my queries: understanding and characterizing interception of the DNS resolution path.” In *Proceedings of the Applied Networking Research Workshop (ANRW 2019)*, Montreal, Quebec, Canada, July 22, 2019, pp. 15–16. ACM, 2019.

41. **Baojun Liu**, Zhou Li, Peiyuan Zong, Chaoyi Lu, Hai-Xin Duan, Ying Liu, Sumayah A. Alrwais, XiaoFeng Wang, Shuang Hao, Yaoqi Jia, Yiming Zhang, Kai Chen, Zaifeng Zhang. “TraffickStop: Detecting and Measuring Illicit Traffic Monetization Through Large-Scale DNS Analysis.” In *IEEE European Symposium on Security and Privacy (EuroS&P 2019)*, Stockholm, Sweden, June 17 - 19, 2019, pp. 560–575. IEEE, 2019.
42. Chaoyi Lu, **Baojun Liu**, Zhou Li, Shuang Hao, Hai-Xin Duan, Mingming Zhang, Chunying Leng, Ying Liu, Zaifeng Zhang, Jianping Wu. “An End-to-End, Large-Scale Measurement of DNS-over-Encryption: How Far Have We Come?” In *Proceedings of the Internet Measurement Conference (IMC 2019)*, Amsterdam, The Netherlands, October 21 - 23, 2019, pp. 22–35. ACM, 2019.
43. Eihal Alowaisheq, Peng Wang, Sumayah A. Alrwais, Xiaojing Liao, XiaoFeng Wang, Tasneem Alowaisheq, Xianghang Mi, Siyuan Tang, **Baojun Liu**. “Cracking the Wall of Confinement: Understanding and Analyzing Malicious Domain Take-downs.” In *26th Annual Network and Distributed System Security Symposium (NDSS 2019)*, San Diego, California, USA, February 24 - 27, 2019. The Internet Society, 2019.
44. Kun Du, Hao Yang, Zhou Li, Haixin Duan, Shuang Hao, **Baojun Liu**, Yuxiao Ye, Mingxuan Liu, XiaoDong Su, Guang Liu, Zhifeng Geng, Zaifeng Zhang, Jinjin Liang. “TL;DR Hazard: A Comprehensive Study of Levelsquatting Scams.” In *Security and Privacy in Communication Networks - 15th EAI International Conference, SecureComm 2019, Orlando, FL, USA, October 23 - 25, 2019, Proceedings, Part II*, Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, vol. 305, pp. 3–25. Springer, 2019.
45. Xianghang Mi, Xuan Feng, Xiaojing Liao, **Baojun Liu**, XiaoFeng Wang, Feng Qian, Zhou Li, Sumayah A. Alrwais, Limin Sun, Ying Liu. “Resident Evil: Understanding Residential IP Proxy as a Dark Service.” In *2019 IEEE Symposium on Security and Privacy (SP 2019)*, San Francisco, CA, USA, May 19-23, 2019, pp. 1185–1201. IEEE, 2019.
46. **Baojun Liu**, Chaoyi Lu, Zhou Li, Ying Liu, Hai-Xin Duan, Shuang Hao, Zaifeng Zhang. “A Reexamination of Internationalized Domain Names: The Good, the Bad and the Ugly.” In *48th Annual IEEE/IFIP International Conference on Dependable Systems and Networks (DSN 2018)*, Luxembourg City, Luxembourg, June 25-28, 2018, pp. 654–665. IEEE Computer Society, 2018.
47. Run Guo, Jianjun Chen, **Baojun Liu**, Jia Zhang, Chao Zhang, Hai-Xin Duan, Tao Wan, Jian Jiang, Shuang Hao, Yaoqi Jia. “Abusing CDNs for Fun and Profit: Security Issues in CDNs’ Origin Validation.” In *37th IEEE Symposium on Reliable Distributed Systems (SRDS 2018)*, Salvador, Brazil, October 2-5, 2018, pp. 1–10. IEEE Computer Society, 2018.
48. **Baojun Liu**, Chaoyi Lu, Hai-Xin Duan, Ying Liu, Zhou Li, Shuang Hao, Min Yang. “Who Is Answering My Queries: Understanding and Characterizing Interception of the DNS Resolution Path.” In *27th USENIX Security Symposium (USENIX Security 2018)*, Baltimore, MD, USA, August 15-17, 2018, pp. 1113–1128. USENIX Association, 2018.
49. Mingming Zhang, **Baojun Liu**, Chaoyi Lu, Jia Zhang, Shuang Hao, Hai-Xin Duan. “Measuring Privacy Threats in China-Wide Mobile Networks.” In *8th USENIX Workshop on Free and Open Communications on the Internet (FOCI 2018)*, Baltimore, MD, USA, August 14, 2018. USENIX Association, 2018.
50. Daiping Liu, Zhou Li, Kun Du, Haining Wang, **Baojun Liu**, Hai-Xin Duan. “Don’t Let One Rotten Apple Spoil the Whole Barrel: Towards Automated Detection of Shadowed Domains.” In *Proceedings of the 2017 ACM SIGSAC Conference on Computer and Communications Security (CCS 2017)*, Dallas, TX, USA, October 30 - November 03, 2017, pp. 537–552. ACM, 2017.

主持科研项目

- 国家自然科学基金青年项目。阿喀琉斯之踵：域名系统安全依赖问题研究。项目负责人，经费 30/30 万元，2022/01 至 2024/12。
- 国家“万人计划”青年拔尖人才科研经费。项目负责人，经费 120/120 万元，2024/01 至 2026/12。
- 国家重点研发计划青年科学家项目。互联网域名服务授权机制的安全模型分析与安全增强技术。项目负责人，经费 200/100 万元，2023/12 至 2026/11。
- 中关村实验室。国家互联网基础设施 DWTF 反制技术及应用示范。课题负责人，排名 4，经费 1*****/2581 万元，2023/03 至 2025/02。
- “十四五” ZB 预研项目。新型域名。项目负责人，经费 300/200 万元，2023/01 至 2024/12。
- 阿里云 AIR 创新项目。云平台域名解析服务质量监测及安全威胁研究项目。项目负责人，经费 50/50 万元，2023/03 至 2023/12。
- 百度在线网络技术有限公司。互联网黑灰产联合治理研究专项。项目负责人，经费 30/30 万元，2025/01 至 2025/09。
- “131”项目。互联网域名系统。项目负责人，经费 167/167 万元，2024/12 至 2025/12。
- 中国计算机学会。威胁情报领域的若干关键技术研究。项目负责人，经费 15/15 万元，2023/10 至 2024/12。

学术荣誉及人才计划

- 国家“万人计划”青年拔尖人才支持计划 2023 年
- 国际网络安全领域顶级会议 CCS 杰出论文奖 2023 年
- 首届“互联网基础技术贡献奖” 2023 年
- 国际计算机协会 ACM 中国计算机安全分会“新星奖” 2022 年
- 清华大学优秀博士后奖励提名 2022 年
- 清华大学“水木学者” 2020 年
- 国际互联网协会 ISOC “应用网络研究奖”(ANRP) 2020 年
- 国际可靠系统领域顶级会议 IEEE/IFIP DSN 会议最佳论文奖 2020 年
- 国际网络安全领域顶级会议 NDSS 杰出论文奖 2019 年
- 国际网络测量领域顶级会议 IMC 最佳论文奖提名与社区贡献奖提名 2019 年

社会公共服务

国际互联网组织任职

- ICANN 国际互联网根服务器咨询委员会核心专家组成员 2020 年至今
- 第二代跨欧亚信息网络 TEIN 专家委员会成员 2024 年至今

筹备学术论坛活动

- 网络安全研究国际学术论坛 (InForSec) 2023 年至 2024 年
- 北京网络安全大会 (BCS) 互联网基础设施安全论坛 2020 年至 2022 年

组织大型安全竞赛

- DataCon 大数据安全分析竞赛 2019 年至 2024 年
- Coremail 邮件安全竞赛 2020 年至 2023 年