

EDUCATION	Xidian University <i>Ph.D. in Cryptography</i> • Research Area: 6G Networks, Evolutionary Algorithm, and Blockchain	Xi'an, China Aug. 2021 - Jun. 2025
	Xidian University <i>M.E. in Information and Communications Engineering</i> • Research Area: Internet of Vehicles and Blockchain	Xi'an, China Aug. 2019 - Aug. 2021
	Xi'an University of Technology <i>B.E. in Internet of Things Engineering</i> • Research Area: Internet of Things and Data Monitoring	Xi'an, China Aug. 2015 - Jun. 2019
RESEARCH INTERESTS	Technologies: Blockchain, Evolutionary Algorithm, Game Theory, Deep Reinforcement Learning, and Applied Cryptography. Applications: 6G Networks, Internet of things, Decentralized Network Management, Dynamic Resource Management, and Network Security and Privacy.	
PUBLICATIONS	<ol style="list-style-type: none">1. Kun Yan, Wenping Ma, Shaohui Sun, and Weiwei Wang, "Blockchain-Based Dynamic Spectrum Sharing for Service-Centric 6G Networks: An Evolutionary Approach," in <i>IEEE Transactions on Network Science and Engineering</i>, Early Access. (IF=7.9)2. Kun Yan, Wenping Ma, and Shaohui Sun, "Communications and Networks Resources Sharing in 6G: Challenges, Architecture, and Opportunities," in <i>IEEE Wireless Communications</i>, vol. 31, no. 6, pp. 102-109, Dec. 2024. (IF=10.9)3. Kun Yan, Wenping Ma, Qi Yang, Shaohui Sun, and Weiwei Wang, "Info-Chain: Reputation-Based Blockchain for Secure Information Sharing in 6G Intelligent Transportation Systems," in <i>IEEE Internet of Things Journal</i>, vol. 11, no. 5, pp. 9198-9212, Mar. 2024. (IF=10.6)4. Kun Yan, Ping Zeng, Kan Wang, Wenping Ma, Geng Zhao, and Yingjie Ma, "Reputation Consensus-Based Scheme for Information Sharing in Internet of Vehicles," in <i>IEEE Transactions on Vehicular Technology</i>, vol. 72, no. 10, pp. 13631-13636, Oct. 2023. (IF=6.8)5. Kun Yan, Wenping Ma, and Shaohui Sun, "BECS: A Privacy-Preserving Computing Resource Sharing Mechanism in 6G Computing Power Network," in <i>IEEE Transactions on Network Science and Engineering</i>, Revise.6. Weiwei Wang, Wenping Ma, and Kun Yan, "FSPPCFs: a privacy-preserving collaborative filtering recommendation scheme based on fuzzy C-means and Shapley value," in <i>Complex & Intelligent Systems</i>, vol. 11, p. 107, Jan. 2025. (IF=5)7. Weiwei Wang, Wenping Ma, and Kun Yan, "Trust-aware privacy-preserving QoS prediction with graph neural collaborative filtering for internet of things services," in <i>Complex & Intelligent Systems</i>, vol. 11, p. 191, Feb. 2025. (IF=5)8. Weiwei Wang, Wenping Ma, and Kun Yan, "TEPP: A Robust Trust-Enhanced Privacy-Preserving Quality of Service Prediction Method for Web Service Recommendation," in <i>Expert Systems With Applications</i>, Volume 294, p. 128786, Dec. 2025. (IF=7.5)	

PROJECTS	Research on Key Technologies for Mobile Communication Network Security <i>Datang Mobile Communications Equipment Co., Ltd</i> Nov. 2021 - Oct. 2024
	<ul style="list-style-type: none"> • Security Threats and Requirements in 6G Networks • Applications of Blockchain in 6G Security • Applications of Blockchain and Artificial Intelligence in 6G Resource Management
	Research on Security Collaborative Defense Technology for Wind Power Internet Intelligent Manufacturing <i>Shaanxi Provincial Science and the Technology Department</i> Jan. 2022 - Dec. 2024
	<ul style="list-style-type: none"> • Security, Trust, and Privacy Protection of Data in Distributed Networks • Blockchain-Based Distributed Information Sharing
TEACHING EXPERIENCE	Teaching Assistant in Modern Cryptography <i>School of Telecommunications Engineering, Xidian University</i> Jun. 2022
	<ul style="list-style-type: none"> • Introducing the research and application of blockchain
	Teaching Assistant in Random Signal Analysis and Applications <i>School of Telecommunications Engineering, Xidian University</i> May. 2024
	<ul style="list-style-type: none"> • Introducing spectrum sharing and management methods based on artificial intelligence, blockchain and other technologies
RESEARCH EXPERIENCE	Supervision of Undergraduate and Master's Theses <i>School of Telecommunications Engineering, Xidian University</i> Nov. 2021 - Jun. 2024
	<ul style="list-style-type: none"> • Guiding undergraduate and master's students in blockchain-related research and supervising their thesis work based on this research.
	Research Assistant in Exploration of 6G Networks and Blockchain Technology <i>Datang Mobile Communications Equipment Co., Ltd</i> Apr. 2023 - Oct. 2024
	<ul style="list-style-type: none"> • Research on distributed service security in 6G networks and blockchain-based network management.
GRANT PROPOSAL EXPERIENCE	National Natural Science Foundation of China Mar. 2022 - Mar. 2025
	<ul style="list-style-type: none"> • Authored the main body of the proposal, formulating its research content, technical framework, and key innovations.
	National Key Research and Development Program of China Sep. 2021 - Aug. 2023
	<ul style="list-style-type: none"> • Authored a key research section of the proposal, responsible for its background analysis, research content, and implementation plan.
	Open Found of State Key Laboratory Jun. 2024 - Aug. 2024
	<ul style="list-style-type: none"> • Authored the core technical scheme and primary innovation points for the research proposal.
AWARDS AND HONORS	National Scholarship <i>Ministry of Education of the People's Republic of China</i> Nov. 2024
	Excellent Graduate Student <i>Xidian University</i> Nov. 2024
	First Prize Academic Scholarship <i>Xidian University</i> Oct. 2023
	Third Prize of the First National Cryptography Contest <i>Chinese Association for Cryptologic Research</i> Aug. 2022

SKILLS	<p>Languages: Chinese, English.</p> <p>Programming: GoLang, C++, MATLAB, Python.</p>
ACADEMIC SERVICES	<p>Reviewers for: <i>IEEE Transactions on Industrial Informatics,</i> <i>IEEE Transactions on Network Science and Engineering,</i> <i>IEEE Transactions on Network and Service Management,</i> <i>IEEE Transactions on Computational Social Systems,</i> <i>IEEE Internet of Things Journal,</i> <i>IEEE Communications Letters,</i> <i>IEEE Consumer Electronics Magazine,</i> <i>IEEE Access,</i> <i>ACM Transactions on Sensor Networks,</i> <i>Information Sciences,</i> <i>Computer Networks,</i> <i>Vehicular Communications,</i> <i>Expert Systems With Applications,</i> <i>Journal of Network and Computer Applications,</i> <i>Computing,</i> <i>Applied Intelligence,</i> <i>Complex & Intelligent Systems,</i> <i>Journal of Cloud Computing: Advances, Systems and Applications.</i></p>