

I am a lecturer of computer science at Wenzhou University. I received my bachelor in Information Security and Ph.D degree in Computer Science from Xidian University and Institute of Information Engineering, Chinese Academy of Sciences in 2017 and 2022, respectively.

教育背景及工作经历

- o 2019.09~ 2022.11 温州大学计算机与人工智能学院, 讲师
- o 2012.09~2019.09 博士(直博), 计算机软件与理论, 中国科学院信息工程研究所
- o 2008.09~2012.06 本科, 信息安全, 通信工程学院, 西安电子科技大学

上课

- o Python程序设计 专业选修课 16学时(理论)+32学时(实验)
- o Python应用开发 专业选修课 32学时(理论)+32学时(实验)
- o 网络智能技术与应用 专业必修课 32学时(理论)+32学时(实验)

研究方向

- o 网络流量安全, 计算机网络
加密流量指纹构建、 包深度检测、 深度学习模型、 机器学习方法、 网络协议格式推断

科研项目

- (1) 面向网络行为识别的加密代理流量指纹构建方法研究
(浙江省自然科学基金青年项目 Y202248893), 2025.1-2026.12, 在研 (主持, 1/1)
- (2) 面向数据源鲁棒的加密代理流量指纹构建方法研究
(温州市科技局基础性科研项目 Y202248893), 2023.9-2025.8, 在研 (主持, 1/5)
- (3) 面向网络行为分析的加密代理流量识别方法研究
(浙江省教育厅一般项目 Y202248893), 2022.10-2024.10, 结题 (主持, 1/1)

发表论文

- (1) EO-EPTC: End-to-End Original Traffic-Based Encrypted Proxy Traffic Classification Framework IEEE Transactions on Information Forensics and Security (2026). (CCF-A, SCI-I)
Yige Chen; Huajie Jia; Zhenzhou Tang; Yipeng Wang; Hui Liu.
- (2) SPTC: Signature-based Cross-protocol Encrypted Proxy Traffic Classification Approach. The 2025 International Conference on Information and Communications Security (ICICS 2025), Nanjing, China, October 2025. (CCF-C, EI)
Huajie Jia, Yige Chen*, Zhengzhou Tang.
- (3) MPAF: Encrypted Traffic Classification with Multi-Phase Attribute Fingerprint. IEEE Transactions on Information Forensics and Security (2024). (CCF-A, SCI-I)
Yige Chen, Yipeng Wang.
- (4) Mobile Encrypted Traffic Classification Based on Message Type Inference. International Conference on Collaborative Computing: Networking, Applications and Worksharing (CollaborateCom), Virturl, China,

October 2021. (CCF-C, EI)

Yige Chen, Tianning Zang, Yongzheng Zhang, Yuan Zhou, Peng Yang.

- (5) Inspector: A Semantics-Driven Approach to Automatic Protocol Reverse Engineering. 17th EAI International Conference on Collaborative Computing: Networking, Applications and Worksharing (CollaborateCom), Virturl, China, October 2021. (CCF-C, EI)
Yige Chen, Tianning Zang, Yongzheng Zhang, Yuan Zhou, Peng Yang, Yipeng Wang.
- (6) Incremental Learning for Mobile Encrypted Traffic Classification. ICC 2021-2021 IEEE International Conference on Communications (ICC), Virturl, Montreal, June 2021. (通信类旗舰会议, CCF-C, EI)
Yige Chen, Tianning Zang, Yongzheng Zhang, Yuan Zhou, Linshu Ouyang, Peng Yang.
- (7) Rethinking Encrypted Traffic Classification: A Multi-Attribute Associated Fingerprint Approach. The 27th IEEE International Conference on Network Protocols (ICNP), Chicago, Illinois, USA, October 2019. (网络协议顶级会议, CCF-B, EI)
Yige Chen, Tianning Zang, Yongzheng Zhang, Yuan Zhou, Yipeng Wang..
- (8) Contrastive Learning enhanced Author-Style Headline Generation. The 2022 Conference on Empirical Methods in Natural Language Processing, Abu Dhabi, December, 2022 (CCF-B)
Hui Liu, Weidong Guo, **Yige Chen**, Xiangyang Li:
- (9) A Multi-perspective Feature Approach to Few-shot Classification of IoT Traffic. IEEE Transactions on Green Communications and Networking (2023). (SCI-II)
Xiaotian Ma, Yipeng Wang, Yingxu Lai, Wenxu Jia, Zijian Zhao, Huijie He, Ruiping Yin, **Yige Chen**
- (10) BinMLM: Binary Authorship Verification with Flow-aware Mixture-of-Shared Language Model. 2022 IEEE International Conference on Software Analysis, Evolution and Reengineering (SANER), pp. 1023-1033. IEEE, 2022. (CCF-B)
Qige Song, Yongzheng Zhang, Linshu Ouyang, **Yige Chen**.
- (11) Inter-BIN: Interaction-Based Cross-Architecture IoT Binary Similarity Comparison. IEEE Internet of Things Journal 9, no. 20 (2022): 20018-20033. (SCI-I)
Qige Song, Yongzheng Zhang, Binglai Wang, **Yige Chen**.
- (12) Joint Character Embedding and Adversarial Stability Training to Defend Adversarial Text. The Thirty-Fourth AAAI Conference on Artificial Intelligence (AAAI), New York, New York, USA, February 2020. (CCF-A)
Hui Liu, Yongzheng Zhang, Yipeng Wang, Zheng Lin, **Yige Chen**.
- (13) Gated POS-Level Language Model for Authorship Verification. The 29th International Joint Conference on Artificial Intelligence and the 17th Pacific Rim International Conference on Artificial Intelligence (IJCAI-PRICAI), Japan, January 2021. (CCF-A)
Linshu Ouyang, Yongzheng Zhang, Hui Liu, **Yige Chen**, Yipeng Wang.
- (14) DLchain: a Covert Channel over Blockchain based on Dynamic Labels. The 2019 International Conference on Information and Communications Security (ICICS), Beijing, China, December 2019
Chen Zhao, Yongzheng Zhang, Tianning Zang, **Yige Chen**, Yipeng Wang.

指导学科竞赛

* 2025国际大学生数学建模竞赛 二等奖

陈健伟, 季志坚, 韩伟聪. Prediction of Olympic Medals: Who Will Be the Ultimate Winner. Team No. 2424654.

* 2024国际大学生数学建模竞赛 特等奖提名

黄姜恺, 杨德曙, 潘宏. Enhance Safety in Ocean Exploration: A Comprehensive Rescue Model. Team No. 2429250.

*** 2024国际大学生数学建模竞赛 二等奖**

楼庭暄，张悦，刘鑫禹. Psychological Momentum: The Magic in Tennis. Team No. 2429253.

*** 第十九届中国研究生数学建模竞赛 二等奖**

孙启博，廖唐飞，魏巳皓. 草原放牧策略研究.

*** 第十九届中国研究生数学建模竞赛 二等奖**

邵颖圣，张权，杨英伟. 草原放牧策略研究.