Qi Qin

q7@sec3.dev | (+86)18817656780 | LeoQ7.com

Education

ShanghaiTech University, M.S. in Computer Science   Sept 2020 – June 2023
Major GPA 3.97/4.00, Outstanding Graduate, Advisor: Fu Song

ShanghaiTech University, B.E. in Computer Science   Sept 2016 – July 2020
Outstanding Graduate (6/307)

Experience

Senior Security Researcher, Coderrect Inc. d/b/a Sec3 – Remote   May 2023 – Present
- Conduct comprehensive audits of smart contracts and blockchain infrastructures to verify system safety, integrity, and operational efficiency.
- Design and develop innovative tools to streamline the auditing process.

Intern Security Researcher, Tencent – Shanghai, China   Summer 2017, 2018, 2019, 2020
- Conducted in-depth research in automobile security by reverse-engineering firmware.
- Investigated AI-driven program analysis techniques to support security research.
- Competed as a key member of the A*0*E team in the DEFCON CTF Finals.
- Explored adversarial vision attacks, contributing to both real-world project and academic competition.

Publications

AIRS: Explanation for Deep Reinforcement Learning based Security Applications
Jiahao Yu, Wenbo Guo, *Qi Qin*, Gang Wang, Ting Wang, Xinyu Xing
USENIX Security 2023

DeJITLeak: Eliminating JIT-Induced Timing Side-Channel Leaks
Qi Qin, JulianAndres JiYang, Fu Song, Taolue Chen, Xinyu Xing
ESEC/FSE 2022

Awards & Honors

Selected Capture-The-Flag (CTF)
- 5th place (w/ Straw Hat) at DEFCON CTF 2023, 2024
- 7th place (as captain of Straw Hat) at DEFCON CTF 2022
- 7th place (as captain of Nu1L) at DEFCON CTF 2021
- 1st place (w/ A*0*E) at DEFCON CTF 2020
- 4th place (w/ A*0*E) at DEFCON CTF 2018, 2019

Professional Services

Teaching Assistant
Outstanding Teaching Assistant Award
- Introduction to Information Science and Technology
- Applied Cryptography
- Compilers

External Reviewer
- IEEE Security and Privacy, S&P 2023
- ACM CCS 2023