Muhammad Aamir

Cyber Security Student

Enthusiastic undergraduate student passionate about Cyber Security, with knowledge in security principles, programming languages, and networking protocols. Actively participates in bug bounty events to identify and correct software vulnerabilities.

aamiirkh12@gmail.com

+92 3155645055

Karachi, Pakistan

linkedin.com/in/muhammad-aamir-17593b215

github.com/aamiirkh

EDUCATION

Cyber Security And Digital Forensics
FAST NUCES, Karachi

08/2020 - Present

Courses

- Data Structures
- Ethical Hacking
- Cloud Computing
- Information Security
- Computer Networks
- Artificial Intelligence

PERSONAL PROJECTS

Web Application Firewall
- I developed a packet-filtering firewall project with XSS prevention mechanisms, selectively allowing or blocking network packets based on predefined criteria. The project enhances network security by effectively filtering and blocking malicious packets, while permitting legitimate traffic to pass through.

Intrusion Detection System
- I developed a Python-based Intrusion Detection System for DVWA, utilizing robust parsing techniques to filter and detect malicious traffic. The system includes a user-friendly CLI dashboard for real-time visualization and immediate security breach alerts.

Malware Analysis (Jigsaw Ransomware)
- Conducted dynamic analysis of Jigsaw ransomware, examining network traffic, file system changes, and registry modifications. Performed reverse engineering and code analysis to understand the ransomware's behavior, identifying key functions, variables, and algorithms used.

Rootkit with keylogging functionality
- I created a keylogging Linux Rootkit using the C language. The rootkit intercepted and modified specific system calls to achieve its objectives. It stored the recorded keystrokes in a file that was actively maintained during runtime.

WORK EXPERIENCE

Freelancer
Upwork

10/2022 - Present

Coding projects in python, C/C++, report writing, Web development tasks.

Achievements/Tasks

- Coding problems
- efficient work
- satisfied costumer

SKILLS

- Proficient in Python and C/C++
- selenium
- Penetration testing
- Vulnerability Assessment
- MS Office
- Understandings of Data Structures
- jmeter

ACHIEVEMENTS

Intra-Fast CTF
Participated in an Intra-Fast capture the flag event and finished first

NCCS CTF
Participated in a national capture the flag event conducted by NCCS and finished seventh

VOLUNTEERING

Blue Team co-head - ACM Cyber (02/2023 - Present)
I serve as a co-head of ACM Cyber Security Society, leading the blue team in safeguarding against cyber threats.

LANGUAGES

English
Full Professional Proficiency

Urdu
Native or Bilingual Proficiency

INTERESTS

- Bug bounty hunting
- DevOps
- SOC
- Web Development
- Pentesting