

FAKHUR UL DIN

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Cyber Security Undergraduate | CTF Player

Karachi, Sindh, Pakistan ۞

EDUCATION

Bachelors in Cyber Security

FAST National University of Computer and Emerging Sciences

Sept 2022 – Present | Karachi, Pakistan

TECHNICAL SKILLS

Core Competencies:

- Digital Forensic
- Information Security & Cryptography
- Computer Networks & Security
- VAPT (Vulnerability Assessment and Penetration Testing)
- DevSecOps
- SOC (Security Operations Center)

Tools:

- Wireshark, BurpSuite, Wazuh, Nmap, SIEM, Metasploit, Hashcat, Nikto, John the Ripper, Aircrack-ng, Hydra

PROJECTS

Password Strength Checker: Developed a tool to offer suggestions for strong password creation, assessing and improving password security. [Link](#)

Encrypted Chat and File Sharing Application: Created a client-server program for secure, encrypted file transfers and conversation using socket programming in Python. [Link](#)

SQL Injection Analyzer: Developed an extension to scan entire target websites for possible SQL injection attacks using an AI model and suggest possible solutions. [Link](#)

Network Packet Analyzer: Developed a GUI-based application to capture and analyze network packets in real-time, allowing users to start and stop packet capture at their convenience using Python. [Link](#)

Digital Forensic Evidence Analyzer: A web application was created to store and analyze digital forensic evidence, enabling safe access and review whenever necessary. [Link](#)

AWARDS & CERTIFICATIONS

- SOC Analyst Level 1 - TryHackMe
- PenTest Cyber Specialist Program - Nationwide IT Skillsets Expansion Program
- Huntress CTF International Competition: Ranked 268 out of 3337 Teams