ABDUL MANAN

CONTACT

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EDUCATION

University of Central Punjab (UCP), Lahore, Pakistan
Oct 2020 - July 2024
- Bachelor of Computer Science

Punjab Group of Colleges, Lahore, Pakistan
Sept 2018 - May 2020
- Intermediate in Computer Sciences

LANGUAGES

- English (Fluent)
- Urdu (Native)

PROFILE SUMMARY

Recent Computer Science graduate specializing in cybersecurity. Practical experience in penetration testing, vulnerability assessment, and network scanning. Skilled in utilizing industry-standard tools like Metasploit Framework, Burp Suite, Nikto, Hydra, and John the Ripper to identify and exploit system vulnerabilities. Proficient in Linux systems and adept at network enumeration using tools such as Tenable Nessus, Nmap, OpenVAS and Zap Pro. Strong foundation in networking protocols, network security measures, and firewall configurations. Led successful project that enhanced network security by incorporating machine learning for intrusion detection. Possessing strong analytical skills, problem-solving abilities, and a collaborative mindset. Eager to contribute to cybersecurity teams and safeguard digital assets in high-stakes environments.

ACADEMIC PROJECTS

Zero Trust Cyber Bot (ZTCB) Network Security   Oct 2023 - July 2024

- Developed an AI-driven chatbot for intrusion detection in edge networks using machine learning models, achieving 86.84% accuracy with Decision Tree and 83.48% accuracy with Random Forest.
- Utilized Raspberry Pi to create a virtual network, enhancing network security through real-time packet analysis.

Lung Cancer Detection   Mar 2023 - July 2023

- Implemented image processing for lung cancer detection using CT scan images, focusing on tumor segmentation through advanced thresholding and morphological operations.
- Utilized Python with OpenCV and Matplotlib to visualize results, aiding in the early detection and diagnosis of lung cancer.

SKILLS & INTERESTS

- **Technical Skills:** Penetration Testing, Vulnerability Assessment, Exploitation and Enumeration, Network Traffic Analysis, Wi-Fi Hacking, C, C++, MySQL, Python, Linux, Burp suite, Metasploit, Tenable Nessus, John the Riper & Hash crack.
- **Interpersonal Skills:** Teamwork, Critical thinking, Problem solving, Time management.
- **Interests:** Hiking, Bodybuilding, Traveling