

MOGHEES AHMAD

Penetration Tester

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Professional Summary

I am a recent graduate with a strong interest in cybersecurity, particularly in the area of penetration testing. My academic background in computer science, coupled with practical experience gained through CTFs and personal projects, has equipped me with the skills necessary to identify vulnerabilities and implement robust solutions. Committed to ongoing professional development, I stay current with the latest advancements in security technologies and best practices.

Education

BS Computer Science

FAST-NUCES

September. 2020 - June 2024

Relevant Courses: DSA, COAL, OS, Computer Networks, Information Security, AI, Machine Learning, Data Science, Web Programming

Skills

- **Penetration Testing:** Web & Active Directory
- **Computer Networks and Traffic Analysis**
- **Machine Learning & Deep Learning**
- **Programming:** C++, Python, JavaScript
- **Unity Game Development:** 2D&3D
- **Web Development:** Flask

Professional Experience

Freelance Game Developer

Fiverr

Remote July 2022 - Nov 2022

Selected Projects

Droid Deceptor (Final Year Project)

Machine Learning, Adversarial Attacks

[Github](#)

- Developed dataset from Drebin Dataset and trained multiple Machine Learning models for Malware Detection
- This tool generates adversarial attacks to fool Android Malware Detection Systems based on Static Features.
- It uses FGSM algorithm to find most effective features that are added to malware apk file which deceives the machine learning and Deep learning models.
- It provides complete report of static analysis and adversarial attack results.

Capture The Flags Reports

Penetration Testing

[Github](#)

- Completed 50+ Capture the flags on different platforms related to Web Exploitation, Active Directory and Binary Exploitation
- All the reports of these labs are in present in the repository

Development and Hosting of a Cybersecurity Hackathon (Ongoing)

Penetration Testing , Forensics

- Jeopardy Style Capture the Flag event.
- Developed 10+ challenges of different categories including Web Exploitation, Forensics, Binary Exploitation and Misc.
- Deployed CTFd website and challenges on a local server as docker containers (each team can start a separate instance of challenge).
- Walkthroughs and challenges will be uploaded on platforms like TryHackMe and HackTheBox once hackathon finishes.

Certifications

- **HackTheBox Certified Penetration Testing Specialist (Ongoing)**
by Hack the Box (Equivalent to OSCP content)
- **Practical Ethical Hacking**
by TCM Security. Credential ID cert_xbmmjlj12
- **API Penetration Testing**
by APIsec University. [Link](#)
- **Practical Malware Analysis and Triage**
by TCM Security. Credential ID cert_8483xvcm
- **Supervised Machine Learning: Regression and Classification**
by Coursera. [Link](#)
- **Advanced Learning Algorithms**
by Coursera. [Link](#)

Achievements

Dean's List of Honor Certificate: Received Dean's List certificate in 7th semester at FAST NUCES for achieving 3.6 SGPA.

Co-Curricular Activities

- **President of FAST Society of Cybersecurity**
- Technical Team Member Google Student Developer Club
- Member of Table Tennis Team of FAST Sports Society