



Muhammad Huzaifa

Cyber Security and digital forensics Student at IUB

Hi, I'm @Muhammad-Huzaifa

I'm passionate about Cyber Security, Ethical Hacking, and Digital Forensics

I'm a recent graduate with a BS in Cyber Security and Digital Forensics, equipped with extensive knowledge and hands-on experience in diverse areas of the field. My expertise includes ethical hacking, penetration testing, vulnerability assessments, and network analysis. I have in-depth proficiency in encryption, decryption, and cryptography, backed by successful projects in these domains. Additionally, I have practical experience in digital forensics, including computer and Windows forensics, with a focus on identifying and analyzing security flaws in systems. Beyond this, I've worked on projects using languages and tools like Python, C++, MATLAB, as well as web and software development. I'm highly motivated to leverage my skills to secure digital environments and contribute to the evolving world of cybersecurity.



Skills & Strengths

- VBScript
- Linux
- Ethical Hacking
- JavaScript
- Microsoft Office
- Digital Forensics
- Python
- Information Security
- css
- Python(flask)
- PowerPoint (Microsoft)
- matlab
- C++
- Cyber Security
- html
- MS Excel
- Web Design



Experience - 2 years

Internship

SKILLS UP - Bahawalpur, Pakistan | Jun 2024 - Sep 2024
Development Intern

Internship

PRODIGY INFOTECH - Bahawalpur, Pakistan | Mar 2024 - Apr 2024
Cyber Security and Ethical Hacking Intern

Internship

CIPHER BYTE SOLUTION - Bahawalpur, Pakistan | Jan 2024 - Feb 2024
Python Programming Internship

Trainer / Instructor

SKILLSWIZ - Bahawalpur, Pakistan | Jan 2023 - Present
Cyber Security Consultant

Trainer / Instructor

ONLINETUTIONSCHOOL(OTS) - Bahawalpur, Pakistan | Jan 2023 - Present
Cyber Security and Digital forensics Consultant

Projects

Contact Info

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Education

The Islamia University

Bahawalpur / Bachelor
(2025)
3.3 GPA

The Leaders College Bawhawalpur

Bahawalpur / Intermediate
(2021)
80%

Pioneer High School

Bahawalpur / Matriculation
(2018)
84%

Certifications

- Automate Cybersecurity Tasks with Python
M Huzaifa | 2024
- Googel Cyber Security
M Huzaifa | 2024
- Sound and Alaram :
Detection and Responce
M Huzaifa | 2024
- Assets threat and
Vulnerabilites
M Huzaifa | 2024
- Linux and SQL
M Huzaifa | 2024
- Network and network
security by google
M Huzaifa | 2024
- Google Cyber security:
Play it safe
M Huzaifa | 2024
- Foundation of Cyber
Security by Google
M Huzaifa | 2024
- Certified Ethical hacker
M Huzaifa | 2024
- Introduction to Dark Web

Smart Dictionary

The Islamia University Of Bahawalpur | Apr 2024 - Jul 2024

https://muhammadhuzi007.github.io/Portfolio_2/

Tools: Python

In this Python-based smart dictionary project, users can easily manage a collection of words and their meanings. The program allows adding new words, updating existing definitions, deleting entries, and searching for any word within the dictionary. Designed for efficiency, it provides a user-friendly interface for seamless interaction with the word database. This project demonstrates basic CRUD (Create, Read, Update, Delete) operations in Python, offering practical experience in data management and user input handling.

Email Encryption

The Islamia University Of Bahawalpur | Jan 2024 - Present

<https://emailencrypter-1ac64a872155.herokuapp.com/>

Tools: Html , css , Python(flask)

I developed an email encryption system using the AES cipher that ensures secure communication via the Gmail platform. The system generates a unique key to encrypt the user's message before sending it, and the recipient uses this key to decrypt and read the message. The project was built with a combination of HTML, CSS, and Python Flask, providing both security and ease of use in email communication."

Ethical Hacking and Networking

Holmes Institute | Jan 2024 - May 2024

https://muhammadhuzi007.github.io/Portfolio_2/

Tools: kali Linux , cisco packet tracer

In this project for Holmes Institute of Ethical Hacking, various cybersecurity techniques and tools were explored to strengthen network security and ethical hacking practices. Key aspects included steganography for hidden data transmission, password cracking to analyze vulnerabilities in authentication systems, and hash calculation for secure data integrity verification. The project also covered packet tracing for real-time network traffic analysis and digital signatures to ensure data authenticity. Additionally, Cisco Packet Tracer was used to simulate and configure complex networks, including routers, switches, and entire server setups, providing hands-on experience in managing and securing network infrastructure.

Artificial Intelligence

The Islmia University | Sep 2023 - Jan 2024

https://muhammadhuzi007.github.io/Portfolio_2/

Tools: Python

I also worked on the motion detection project. It was also related to the field of AI. i used python language in this project. The environment that was used in this project was opencv that is used for the vision process. In this project i showed how we can detect any motion in our certain area and system will automatically alarm if it detect any motion in its area .

Operating System

The Islamia University | Sep 2023 - Jan 2024

https://muhammadhuzi007.github.io/Portfolio_2/

Tools: Kali Linux

In my 4th semester in my operating system course i worked on the Security monitoring project. In this project i briefly explain the system monitoring in the security aspect how ca we monitor our operating system form differnt types of threats and virsus like keylogger, malware and differnt attacks like bruteforce attack and rainbow attacks how we can protect our system from being compromised from the hacker.

M Huzaifa | 2024

- Android Forensics with Belkasoft
M Huzaifa | 2024
- Cyber Security Consultant
M Huzaifa | 2023
- Cyber Security Diploma
M Huzaifa | 2023

Languages

- English - Native
- Urdu - Native

Portfolio | Websites

- https://muhammadhuzi007.github.io/Portfolio_2/
- <https://cryptorium.neocities.org/home>
- <https://www.linkedin.com/in/muhammad-huzaifa-anjum-a80aa0279/>

i used python Language for coding and created several tools that detect any harmful file running in this system or some malware or keylogger running in the system and report immediately

Designing A phishing Attack

The Islamia University Of Bahawalpur | Sep 2023 - Feb 2024

https://muhammadhuzi007.github.io/Portfolio_2/

Tools: Kali linux

Web Pentesting

The Islamia University Of Bahawalpur | Sep 2023 - Feb 2024

https://shorttemperd007.github.io/Portfolio_2/index.html

Tools: Kali Linux , Burpsuit , Nessus

Image and Video processing

The Islamia University Of Bahawalpur | Jul 2023 - Present

https://muhammadhuzi007.github.io/Portfolio_2/

Tools: Html , Css , java script , Matlab

I developed a web-based image and video processing tool that allows users to upload pictures, apply various effects, and generate histograms in real-time. Originally designed with MATLAB, the project has been adapted to a user-friendly website using HTML, CSS, and JavaScript. This platform seamlessly combines image processing functionality with a visually appealing interface, providing an interactive experience for users to enhance and analyze their images."

Ethical Hacking

The Islamia University | Jan 2023 - Jun 2023

https://muhammadhuzi007.github.io/Portfolio_2/

Tools: Kali Linux

I used Kali Linux and Ubuntu operating system for the pentesting and Ethical Hacking purpose. Basically i didn't do any project in it but i learned how can we create several malicious files like malware, keylogger and backdoor and how to use them for compromising any system. My purpose was never negative i wanted to work as a white hat hacker so learning these things are important . Furthermore I also have knowledge how can we create payloads for windows and androids . currently I am working on network security

Furthermore i also have knowledge about web pentesting

scanning the website and finding the flaws and vulnerabilities in the website and how to deal with and

how to resolve them for the betterment of the website

Cryptography

Islamia University Of Bahawalpur | Jan 2023 - Present

<https://cryptorium.neocities.org/home>

Tools: Python , html , css , javascript

In my 6th semester at university, I completed a cryptography project focused on encryption and decryption using various ciphers, including Caesar, Substitution, Transposition, Vigenère, AES, and RSA. The project involved understanding the basics of cryptography, developing algorithms for these ciphers, and testing them with different inputs. I compared the ciphers based on encryption speed, security level, ease of implementation, and resource consumption. Additionally, I explored real-world applications like secure communications and data protection. The project provided a comprehensive understanding of these techniques and highlighted the importance of selecting the appropriate cipher for data security.

Student Managment System

The Islamia University Of Bahwalpur | Jan 2023 - May 2023

https://muhammadhuzi007.github.io/Portfolio_2/

Tools: C++

Natural language Processing

The Islamia University | Jan 2023 - Jun 2024

https://muhammadhuzi007.github.io/Portfolio_2/

Tools: Python

In my 4th Semester I worked on Natural Language Processing project

I created a chatbot using python language based On NLP

In this project i explain the working of Chatbot AI model how it works on NLP how natural language is involved in it and how it can be beneficial for the user and many other parameters like its efficiency and future in the Field of the AI

Designing A phishing Attack

The Islamia University Of Bahwalpur

https://muhammadhuzi007.github.io/Portfolio_2/

Tools: Kali linux

References

Dr.Muhammad Ali Qureshi

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