



Muhammad Huzaifa

Cyber Security and digital forensics Student at IUB

I am a highly motivated and skilled cybersecurity student with a passion for ethical hacking. Currently pursuing a degree in Cybersecurity, I have acquired extensive knowledge in areas such as ethical hacking, penetration testing, and digital forensics. I also have hands-on experience in performing vulnerability assessments, identifying security flaws in computer systems, and conducting digital forensic investigations. Additionally, I am expanding my expertise in web development and network security, which are crucial for effective ethical hacking and cybersecurity practices.

Strengths & Skills

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

Projects

Email Encryption (The Islamia University of Bahawalpur)

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

HTML, CSS, Python(flask)

Artificial Intelligence (The Islamia University)

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

Python

Operating System (The Islamia University)

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

Kali Linux

Designing A phishing Attack (The Islamia University of Bahawalpur)

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

Kali Linux

Web Pentesting (The Islamia University of Bahawalpur)

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

Kali Linux, Burpsuit, Nessus

Image and Video processing (The Islamia University of Bahawalpur)

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

HTML, CSS, JavaScript, Matlab

Ethical Hacking (The Islamia University)

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

Kali Linux

Cryptography (Islamia University of Bahawalpur)

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

Python, HTML, CSS, JavaScript

Student Management System (The Islamia University of Bahawalpur)

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

C++

Natural language Processing (The Islamia University)

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

Python

Designing A phishing Attack (The Islamia University of Bahawalpur)

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Kali Linux

Contact Info

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

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New Central Jail, Bahawalpur, Punjab,
Pakistan.
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New Central Jail, Bahawalpur, Punjab,
Pakistan.
Bahawalpur, Pakistan

Academics

Bachelor | 2025 | 3.3 CGPA

The Islamia University, Bahawalpur

Intermediate | 2023 | 80%

The Leaders College

Bahawalpur, Bahawalpur

Matriculation | 2018 | 84%

Pioneer High School, Bahawalpur

Certifications

Automate Cybersecurity Tasks with Python

[Automate Cybersecurity Tasks with Python](#)

M Huzaifa

Starting September 2024

Google Cyber Security

<https://www.credly.com/go/AC4DBLHK>

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Starting September 2024

Sound and Alarm : Detection and Response

<https://coursera.org/verify/8GR7DQWKUE65>

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Starting August 2024

Assets threat and Vulnerabilities

<https://coursera.org/verify/ZH5MC43ZXA4E>

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Starting August 2024

Linux and SQL

<https://coursera.org/verify/EL8VQDWRU3GU>

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Starting August 2024

Network and network security by Google

<https://coursera.org/verify/EL8VQDWRU3GU>

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Starting July 2024

Google Cyber security: Play it safe

<https://coursera.org/verify/HH9VPKVTETXL>

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Starting July 2024

Foundation of Cyber Security by Google

<https://coursera.org/verify/A6MJ2DFCKNWA>

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Starting July 2024

Certified Ethical hacker

M Huzaifa

Starting April 2024

Projects

Email Encription

Jan 2024 - Present (8 months)

Company: The islamia Univerisity of Bahalpur

<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."

Artificial Intelligence

Sep 2023 - Jan 2024 (4 months)

Company: The Islmia University

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

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

Sep 2023 - Jan 2024 (4 months)

Company: The Islamia University

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

Tools: Kali Linux

In my 4th semester in my operating system course i worked on the Security monitoring project. In this project i breifly 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. i used python Laguage for coding and created severals tools that detect any harmful file running in this system or some malware or keylooger running in the system and report immediately

Designing A phishing Attack

Sep 2023 - Feb 2024 (5 months)

Company: The Islamia University of Bahwalpur

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

Tools: Kali linux

Web Pentesting

Sep 2023 - Feb 2024 (5 months)

Company: The Islamia Univeriity of Bahawalpur

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

Tools: Kali Linux , Burpsuit , Nessus

Image and Video proceessing

Jul 2023 - Present (1.2 years)

Company: The islamia Univesity of bahawalpur

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

Tools: Html , Css , java scripyt 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

Jan 2023 - Jun 2023 (5 months)

Company: The Islamia Univerisity

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

Tools: Kali Linux

I used Kali Linux and Ubuntu operating system for the pentesting and Ethical Hacking purpose. Basically i didn't done any project in it but i learned how can we create several malicious file 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 was knowledgeable 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

Jan 2023 - Present (1.7 years)

Company: Islamia University of Bahawalpur

<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 Management System

Jan 2023 - May 2023 (4 months)

Company: The Islamia University of Bahawalpur

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

Tools: C++

Natural Language Processing

Jan 2023 - Jun 2024 (1.4 years)

Company: The Islamia University

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

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

Company: The Islamia University of Bahawalpur

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

Tools: Kali Linux

References

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