



# Muhammad Huzaifa

Cyber Security and digital forensics Student at IUB

I am a highly motivated and skilled cyber security student with a passion for ethical hacking. I am currently pursuing a degree in Cyber Security and have acquired extensive knowledge in areas such as Ethical Hacking and penetration testing. I also have hands-on experience in performing vulnerability assessments and identifying security flaws in computer systems. Moreover I am learning about network security and other parameters related to it as it is very important for "Ethical Hacking".

## Strengths & Skills

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

## Certifications

### Foundation of Cyber Security by Google

M Huzaifa

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

Starting Jul 2024

### Certified Ethical hacker

M Huzaifa

Starting Apr 2024

### Introduction to Dark Web

M Huzaifa

Starting Mar 2024

### Android Forensics with Belkasoft

M Huzaifa

<https://belkasoft.thinkific.com/certificates/ukczyyfi4m>

Starting Feb 2024

### Cyber Security Consultant

M Huzaifa

Starting May 2023

### Cyber Security Diploma

M Huzaifa

Starting Mar 2023

## Projects

### Cryptography (Islamia University of Bahawalpur)

Python

### Artificial Intelligence (The Islamia University)

Python

### Operating System (The Islamia University)

Kali Linux

### Designing A phishing Attack (The Islamia University of Bahawalpur)

Kali linux

### Web Pentesting (The Islamia University of Bahawalpur)

Kali Linux , Burpsuit , Nessus

### Natural language Processing (The Islamia University)

Python

### Ethical Hacking (The Islamia University)

Kali Linux

## Contact Info

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New Central Jail, Bahawalpur, Punjab,  
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## 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

## Industries

- Information security
- Cyber Security

## Functional Areas

- Cyber Security
- Ethical Hacking

## Languages

- English - Native
- Urdu - Native

Student Managment System (The Islamia University of Bahawalpur)

C++

Designing A phishing Attack (The Islamia University of Bahawalpur)

Kali linux

Projects

Cryptography

Feb 2024 - Jul 2024 (5 months)

Company: Islamia University of Bahawalpur

Tools: Python

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.

Artificial Intelligence

Sep 2023 - Jan 2024 (4 months)

Company: The Islamia University

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 detects any motion in its area.

Operating System

Sep 2023 - Jan 2024 (4 months)

Company: The Islamia University

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 we can monitor our operating system from different types of threats and viruses like keylogger, malware and different attacks like brute force attack and rainbow attacks how we can protect our system from being compromised from the hacker. 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

Sep 2023 - Feb 2024 (5 months)

Company: The Islamia University of Bahawalpur

Tools: Kali linux

Web Pentesting

Sep 2023 - Feb 2024 (5 months)

Company: The Islamia University of Bahawalpur

Tools: Kali Linux , Burpsuit , Nessus

Natural language Processing

Jan 2023 - Jun 2024 (1.4 years)

Company: The Islamia University

**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

### Ethical Hacking

Jan 2023 - Jun 2023 (5 months)

**Company:** The Islamia University

**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 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

### Student Management System

Jan 2023 - May 2023 (4 months)

**Company:** The Islamia University of Bahawalpur

**Tools:** C++

### Designing A phishing Attack

**Company:** The Islamia University of Bahawalpur

**Tools:** Kali linux

## References

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