



# Muhammad Usman

Date of birth: 13/07/2007

Nationality: Pakistani

Gender: Male

## Contact

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europass

## ABOUT MYSELF

I'm currently a student of BS DS at FAST NUCES, diving deep into the world of Python, learning step by step, and building small projects.

## EDUCATION & TRAINING

● **01/2021 - 03/2023** Dunyapur, Pakistan

● **Matriculation** National College of Science

● **05/2023 - 05/2025** Dunyapur, Pakistan

● **Intermediate in Computer Science** Punjab Group of College

● **31/07/2025 - CURRENT** Islamabad, Pakistan

● **BS Data Science** National University of Computer and Emerging Sciences (NUCES-FAST)

● **Website:** <https://isb.nu.edu.pk/> | **Level in EQF:** EQF level 6

## LANGUAGE SKILLS

**MOTHER TONGUE(S):** Panjabi | Urdu

**OTHER LANGUAGE(S):** English

## SKILLS

### PROGRAMMING

C++ | Python (computer programming) | C programming

## PROJECTS

● **30/11/2024**

### Secret Code Message Encoder & Decoder

A simple web-based tool to **encode and decode secret messages** allows users to securely send messages by transforming text into an unreadable format.

**Link** <https://muhammad-usman-py.github.io/Secret-Message-Encoder-Decoder/>

● **31/10/2025 - 31/10/2025**

### Student Tech Hub

**Student Tech Hub** is a community-based website created to connect students who are interested in technology.

I learned how to build elegant websites using HTML and CSS animations.

**Link** <https://muhammad-usman-py.github.io/Student-tech-Hub/>

● **31/10/2025 - 31/10/2025**

### Switchback Rails - Railway Simulation Game

A railway simulation implementing deferred switch mechanics, dynamic train scheduling, and collision detection.

We built this game using SFML and C++.

**Link**

<https://github.com/muhammad-usman-py/PF-Project-SwitchbackRails-25i2583-25i2617>