



Muhammad Usman

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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://isp.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>