Salah Uddin - Electrical Engineering Student

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LinkedIn:www.linkedin.com/in/salah-uddin-819943352 | Location: Gilgit-Baltistan, Pakistan **Career Objective**

Passionate Electrical Engineering student at NUST, with a strong foundation in circuit design,

embedded systems, and simulations. Committed to developing innovative and sustainable technological solutions for real-world challenges.

# Education

National University of Sciences and Technology (NUST) Bachelor of Electrical Engineering (2024-2028)

# Technical Skills

* Programming: C++, Python, MATLAB
* Tools: Arduino, PSpice, LTspice, AutoCAD
* Web: HTML, CSS, SQL
* Productivity: MS Office (Excel, Word, PowerPoint)

# Projects

1. Home Automation System (Arduino)

Designed and built a system to control lights and appliances remotely using sensors and relays.

1. Weather App in Python

Developed a GUI-based Python application to display real-time weather data using an API.

1. Store Management System (C++)

Created a console-based inventory system to manage billing, stock, and tax calculations.

1. Smart Avalanche and Landslide Early Warning System

Designed a remote alert system using sensors, Arduino, and LoRa for mountainous regions.

# Certifications

* + C++ Programming - Cisco
  + Arduino Basics - Udemy

# Experience / Volunteering

* + Volunteer at SGA NUST (2024-Present)
  + Assisted in organizing student events and technical workshops.

# Languages

English, Urdu, Shina, Khowar, Burushaski

# Extracurricular Interests

Volleyball, Cricket, Engineering Innovation, Community Service