

Muhammad Ibtesam

muhammadibtesam51@gmail.com

| [linkedin.com/in/muhammadibtesam](https://www.linkedin.com/in/muhammadibtesam)

| github.com/ibtesamiqbal

EDUCATION

NATIONAL UNIVERSITY OF SCIENCES & TECHNOLOGY

BS IN COMPUTER SCIENCE

Expected 2025 | Islamabad, Pakistan

INTERMEDIATE / A-LEVELS

2021

MATRIC / O-LEVELS

2019

LINKS

LinkedIn:// [muhammadibtesam](#)

GitHub:// [ibtesamiqbal](#)

SKILLS

PROGRAMMING & TOOLS

Python (NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow)

C++, HTML, CSS, JavaScript

Django, Flask, Flutter

MySQL, MongoDB, Git, GitHub

CI/CD (GitHub Actions), AWS, Docker

SOFT SKILLS

Communication Skills, Problem Solving, Project Management, Critical Thinking

ACHIEVEMENTS

- Completed **Google Data Analytics Certificate** (Coursera)
- Introduction to **Python: Basic to Advanced** (FAST University Certificate)
- Prompt Engineering** for AI Applications (OpenAI Certificate)
- Artificial Intelligence Foundations** (LinkedIn Learning)
- Deep Learning Specialization** (DeepLearning.AI, Coursera)
- Responsive **Web Development Bootcamp** (freeCodeCamp)

PROFESSIONAL PROFILE

Passionate **Computer Science** student focused on **web development**, **AI**, and **mobile app development**. Skilled in solving real-world problems through innovative, efficient, and impactful projects. Dedicated to continuous learning and applying technology to improve everyday life.

INTERNSHIPS

DATA-I, NATIONAL SCIENCE AND TECHNOLOGY PARK (NSTP) | INTERNSHIP IN AI & Web Development

Jun 2025 – Aug 2025 | Islamabad, Pakistan

- Worked on **Large Language Model (LLM)** integration for various applications.
- Developed and maintained an **AI-powered chatbot** for customer interaction.
- Contributed to **front-end development** using HTML, CSS, JavaScript, and also in backend.

PROJECTS

IMAGE WATERMARKING SYSTEM | DIGITAL IMAGE PROCESSING

- Developed a web application using **Machine Learning** to detect, add, or remove watermarks from images for content protection.

AI CHATBOT | PYTHON, NLP

- Built a **chatbot** capable of understanding and responding to queries for customer support simulation.

FILE COMPRESSION UTILITY | C++

- Implemented **Huffman Coding** to reduce file sizes and optimize storage usage.

LANGUAGE TRANSLATOR WEB APP | STREAMLIT, GOOGLE TRANSLATE API

- Created a **multilingual translation app** supporting multiple languages.

RELEVANT COURSEWORK

- Advanced Machine Learning** (Python, NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow)
- Software Engineering** (Git, GitHub, CI/CD, Agile Methods)
- Cloud Computing** (AWS, Docker, APIs)
- Database Management Systems** (MySQL, MongoDB)
- Data Structures & Algorithms** (C++, Python)
- Computer Networks** (Packet Tracer, Network Protocols)