

Syed Mehdi Shah

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ABOUT ME

BS Computer Science student **at Hazara University** with a strong interest **in Artificial Intelligence, Machine Learning and Computer Vision**. Experienced in **Python Development**. data analysis, machine learning workflows, database management, and developing practical AI/ML projects. Currently building hands-on experience through academic projects, self-learning, and an AI/ML internship. Interested in applying machine learning and data-driven problem-solving to real-world applications while continuously improving technical and Computer Programming skills.

EDUCATION & TRAINING

BACHELOR OF SCIENCE IN COMPUTER SCIENCE Hazara University Mansehra GPA (3.36/4.00)

FYP: A Computer Vision-Based Multi-Threat Detection System with Forensic Logging and Automated Alerts. (Currently Working)

20/09/2023 – 20/07/2027 Mansehra, Pakistan

Website www.hu.edu.pk | **Field of study** Bachelor of Science in Computer Science

RESEARCH INTEREST

- **Computer Science**
- **Artificial Intelligence/Machine Learning**
- **Computer Vision**

WORK EXPERIENCE

AI/ML Intern at DEVNOX Solution – ABBOTTABAD, PAKISTAN

INTERNSHIP - 18/07/2026 – 18/09/2026

Complete 2 Month Internship focusing on basic to advanced Python Programming with OOPs and Python Libraries and Frameworks. Practice on Data Analysis, EDA, Data Visualization, Model Training and Feature Engineering

Projects: **School Management System (Python) & Weapon Detection Model using YOLLO DataSet**

Python Development Intern at NOVAXCCELERATE – Hazara University, PAKISTAN

INTERNSHIP - 01/01/2026 – 01/03/2026

Complete 2 month On-Campus Internship as a python developer Intern at Novaxccelerate focusing on Fundamentals of Python programming with OOPs and Use python for AI/ML Development. Work on Tools and Technologies used for AI/ML Projects and Environmental Setup.

SKILLS

Languages & Framework: Python | C / C++ | Pandas | NumPy | Matplotlib/Seaborn | Keras |TensorFlow | Scikit-Learn | OpenCV

Web Technologies: HTML, CSS & JS | WordPress and Plugins | Figma | Google Stitch

Databases: MySQL | MongoDB | DBMS | PL/SQL

Tools & Platforms: Git & GitHub | VS Code | Android Studio | Google Colab & Jupyter Notebook

CS Fundamentals: OOP | DBMS | Computer Network | Operating System | Data Structure & Algorithms

Projects [Github]

1. **CodeLab AI** — Developed an AI-powered programming learning platform with interactive educational features.
2. **Crop Prediction System** — Built a machine learning model to recommend suitable crops based on soil and weather conditions.
3. **Healthcare EDA** — Performed exploratory data analysis and developed a patient health classification system.
4. **Titanic Survival Prediction** — Applied machine learning classification algorithms to predict passenger survival.
5. **Personal Portfolio Website** — Developed a responsive portfolio website to showcase technical skills and projects.

LANGUAGES

- **Balti** (native)
- **Urdu** (Proficient)
- **English** (read, write, listen, speak, but comparatively weak in speaking)

CERTIFICATES

Python for Data Science, AI & Development
Link : https://www.coursera.org/account/accomplishments/verify/UMT8O0QFWO2Q

Introduction To Artificial Intelligence (AI)
Link : https://www.coursera.org/account/accomplishments/verify/YETMYXGCSYR2

Foundations of Data Science
Link : https://www.coursera.org/account/accomplishments/verify/A8FJ0N8GOD6B

Artificial Intelligence using Python
Link : https://digiskills.pk/verify/ **Certificate ID : PHZUB5NMK**

AI For Every One
Link: https://www.coursera.org/account/accomplishments/verify/XNQUNVFG6O3U

What Is Data Science?
Link : https://www.coursera.org/account/accomplishments/verify/06YP49A55LW4

Supervised Machine Learning: Regression and Classification
Link : https://www.coursera.org/account/accomplishments/verify/RCUH6EGVZC1Z

Introduction to Computer and Office Productivity Software
Link : https://www.coursera.org/account/accomplishments/verify/T86OVRYYQH4L

Foundation of User Experience (UX) Design
Link : https://www.coursera.org/account/accomplishments/verify/NMKKENPYWAOJ

HTML, CSS, JavaScript for Web Developer
Link : https://www.coursera.org/account/accomplishments/verify/29UN0ITHDCP2

Build a Free Website with WordPress
Link : https://www.coursera.org/account/accomplishments/verify/K4W7HST9HFZD

Mastering HTML5: From Beginner to Advanced
Link : https://ude.my/UC-ccafafd9-edff-43d0-b388-ce4ecfad3925

Communication And Soft Skills
Link: https://digiskills.pk/verify/ **Certificate ID: 3JZJAEYMK**

SEMINARS & WORKSHOPS

- **GOOGLE AI STUDIO**: One day training of Google AI Studio, LEARN AI, build the future BY **GOOGLE DEVELOPER GROUPS ISLAMABAD.** offered by **Nexus Pakistan** on 20-21 May at Hazara University Mansehra.
- **FLUTTER APP DEVELOPMENT**: One day training offered by **Nexus Pakistan** on 20-21 May at Hazara University Mansehra.
- **BLOCKCHAIN DEVELOPMENT** using Algorand's Python SDK Presented by Algorand & Decentralized Technologies (DT)
- **MASTERING SUSTAINABLE DEVELOPMENT GOALS (SDGS)**: One day training by **SKILLISTAN** offered by Nexus Pakistan on 20-21 May at Hazara University Mansehra.
- Attend Virtual Seminar on "**Entrepreneurial Journey & The Role of NIC Lahore**" organized by the **Hult Prize** at Hazara University Mansehra, HUBIC & NIC Lahore.

REFERENCES

Dr Mushtaq Ali

Chairman/Associate Professor
Department of Computer Science & Information Technology.
Hazara University, Mansehra, Pakistan HEC-Approved Ph.D. Supervisor
Email Address: hod_it@hu.edu.pk

Dr Hamad Shirazi

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Hazara University, Mansehra, Pakistan
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