Waqar Ali

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EDUCATION

Pak-Austria Fachhochschule : Institute of Applied Sciences and Technology　　　Mang, Haripur
GPA 3.77, Class rank 03/120　　　*Sept. 2022 – Jun. 2026*

EXTRACURRICULAR ACTIVITIES

Google Developer Group on Campus　　　Oct. 2024 – Present
Co-Lead　　　*Mang, Haripur*
- Coordinate with volunteers and co-organizers to manage event logistics and ensure smooth execution.
- Maintain communication with the GDG central team, ensuring alignment with broader objectives and submitting impact reports.
- Foster an inclusive environment for tech enthusiasts to share knowledge, collaborate, and grow together.

EXPERIENCE

National Centre for Physics　　　July 2024 – August 2024
Machine Learning Intern　　　*Islāmābād, Pakistan*
- Demonstrated proficiency in Python, utilizing it extensively for data analysis and model development.
- Designed, implemented, and trained deep learning models using Convolutional Neural Networks (CNNs) and Artificial Neural Networks (ANNs) to enhance system performance.
- Leveraged pre-trained models such as ResNet, VGG16, and VGG19 to accelerate development and achieve high accuracy in various machine learning tasks.
- Utilized YOLOv5 for image detection projects, significantly advancing object detection accuracy in challenging datasets.

Pak-Austria Fachhochschule : Institute of Applied Sciences and Technology　　　Sept. 2024 – Present
TEACHER ASSISTANT　　　*Mang, Haripur*
- Maintain records of student progress, attendance, and assignments.
- Evaluate and provide feedback on student assignments under the teacher's guidance.
- Facilitate communication between teachers and students to address academic needs

PROJECTS

Web Application for Agriculture Extension Office, Haripur　　　Nov. 2023 – Feb. 2024
- Developed a web application for Agriculture Extension Office Haripur to replace paper-based data collection with a digital solution accessible via mobile phones.
- Deployed the application on a VPS server, ensuring global accessibility while restricting access to authorized employees only.
- Created a supervisor dashboard to enable monitoring of employees' performance, tracking the number of farmers assisted and the data collected on specific dates.

AWARDS

6th URAAN Project Exhibition Winner　　　Jan. 2024
- Out of 40 projects, recognized for the Best Project in my category at the semester exhibition held every semester at Pak-Austria Fachhochschule.

Rector's and Dean's List Awards　　　June 2023 – Present
- 1× Rector's List Award
- 3× Dean's List Awards

SKILLS & INTERESTS

Technical Skills: Machine Learning, Deep Learning, Web Development (MERN Stack), Databases, Data Visualization.
Tools & Technologies: Python, JavaScript, React, NodeJS , ExpressJS, SQL, MongoDB, Git, GitHub, Scikit-Learn
Interests: Teaching, Chess, Book Reading.