

Ramzan Rafiq Hussain

Lahore
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EDUCATION

University of Central Punjab, Lahore 2020 – 2025
Bachelors of Science in Software Engineering
CGPA: 3.52

Punjab Group of Colleges 2018 – 2020
Intermediate in Computer Science

WORK EXPERIENCE

Machine Learning 1 April 2025 – May 2025
Data Scientist Trainee.

- Strengthened programming expertise in Python, focusing on libraries such as Pandas, NumPy, TensorFlow, and PyTorch.
- Gained practical experience in building models for Machine Learning, Deep Learning, and Natural Language Processing (NLP) through hands-on projects

Digicon Valley Feb 2025
Data Scientist Internee

- Utilize Power BI to create insightful data visualizations for effective decision-making.
- Perform web scraping to extract phone numbers.

Aug AI 2 Dec 2024 - 6 Dec 2024
AI Trainee

- Developed Virtual Try-On applications using DeepLabV3 and VTO models from Hugging Face.
- Implemented Text Detection from diagrams and images using PyTesseract OCR.

Tracking World Oct 2024 – Nov 2024
Key Executive Department

- Provided customer support for vehicle tracking systems. Resolved technical issues and inquiries,
- Conducted functional and usability testing of mobile apps and web portals.

PROJECTS

Text Detection and Classification – Developed a text recognition system using EasyOCR to extract text from document images and classified it into handwritten or computerized text using a MobileNetV2-based classifier.

Flash Detection – Implemented a flash detection model by training YOLOv11n on a custom image dataset to accurately identify and locate flash regions within static images.

Vehicle Number Plate Detection – Built a vehicle number plate recognition system by training YOLOv8n for plate detection and EasyOCR for extracting alphanumeric characters from detected regions.

Person Detection – Implemented a person detection system using pretrained YOLOv8 that processes live webcam feed, videos, and static images to detect and track individuals with high accuracy.

Vehicle Detection – Developed a vehicle detection system using the YOLOv3 pretrained model to accurately identify cars, trucks, and buses in both static images and dynamic video frames.

Object Detection – Implemented an object detection system capable of identifying multiple object classes in static images using the pretrained YOLOv3 model.

Face Recognition – Developed a Face Recognition System using CNNs to identify individuals with high accuracy.

Salary Prediction – Developed a Salary Prediction Model using linear regression to predict employee salaries.

Intelligent AI Chatbot – Designed and implemented an Intelligent AI Chatbot using Transformers.

Character Recognition – Built a Character Recognition Model to classify handwritten characters using CNN model.

Sentiment Analysis – Implemented a Sentiment Analysis Model utilizing LSTM and GRU.

Emotions Recognition – Built an Emotion Recognition Model to classify emotions using CNN model.

CERTIFICATIONS

Introduction to Data Science SimpliLearn	2025
Python for Data Science Coursera	2025
Machine Learning SimpliLearn	2024
Introduction to AI Coursera	2024

SKILLS AND INTERESTS

Technical Skills: Python, Power Bi, Excel, Web Scraping, AI.
Language: English - Basic, Urdu - Native, Punjabi - Native.
Interpersonal Skills Problem solving, Time management, Teamwork and Collaboration.
Interests: Artificial Intelligence, NLP, Machine Learning, Deep Learning.