

# HUZAIFA RASHID

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## SUMMARY

Third-year Computer Science student specializing in Machine Learning, Deep Learning, and Computer Vision. Proficient in Python with hands-on experience in developing AI-driven applications. Passionate about applying technical knowledge to solve real-world problems in AI and ML. Seeking opportunities to contribute skills in cutting-edge Machine Learning and Artificial Intelligence roles.

## EDUCATION

**B.Sc. Computer Science**  
**University Of The Punjab**  
Relevant coursework: Programming Fundamentals, Object-Oriented Programming, Data Structure & Algorithm, Machine Learning, Artificial Intelligence

**Expected Graduation: 2025**  
3.11 GPA (6 semesters)

## TECHNICAL SKILLS

**Programming:** Python, C++, TensorFlow  
**Machine Learning:** Supervised/Unsupervised Learning, Neural Networks, Model Training, Data Preprocessing.  
**Deep Learning:** Artificial Neural Network (ANN), Convolutional Neural Networks (CNNs), Transfer Learning.  
**Tools:** Jupyter, Pandas, NumPy, Matplotlib, Scikit-learn, Git.

## PROFESSIONAL EXPERIENCE

**BIG IMMERSIVE: Frontend Developer (Internship)**  
(3 months), Lahore, Pakistan

**June 2023 – August 2023**

- Worked as a React developer, building user interfaces and implementing front-end functionalities using JavaScript.
- Collaborated with a team of experienced developers on real-world projects, including e-commerce platforms, social media integrations, and data visualization tools.
- Gained valuable exposure to practical applications of React.js and learned how to deliver user-friendly experiences in a dynamic, challenging environment.

## ACADEMIC PROJECTS

**Real-Time Voice Translation App**  
Technologies: Python, Speech Recognition, TTS/STT, Deep Learning

**Spring 2025**

- Built a real time multilingual voice translation app with voice tone replication and lip synchronization.
- Used Open-Source models to enable seamless communication without authentication barriers.

**Presence.AI**  
Technologies: Python, OpenCV, VGG, Tensorflow

**Fall 2024**

- Developed a face recognition system that marked attendance based on real-time image detection.
- Implemented advanced VGG models to improve recognition accuracy and avoid false entries.
- Created a GUI for user interaction and incorporated email notifications for low attendance.
- Used a prebuilt dataset to store student records in CSV format.

**Pneumonia Disease Prediction**  
Technologies: Python, VGG, Tensorflow

**Fall 2024**

- Developed a CNN-based model using transfer learning with VGG16 to classify Chest X-ray images for pneumonia detection.
- Applied image preprocessing (normalization and augmentation) to enhance model robustness and accuracy.

## CERTIFICATION

|  |                |
|--|----------------|
| What is Data Science (Coursera)        | August-2023    |
| Rag with LangChain (DataCamp)          | September-2024 |
| Computer Vision (Kaggle)               | November-2024  |
| Intermediate Machine Learning (Kaggle) | November-2024  |