# 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** **Expected Graduation: 2025**
**University Of The Punjab** 3.11 GPA (6 semesters)
Relevant coursework: Programming Fundamentals, Object-Oriented Programming, Data Structure & Algorithm, Machine Learning, Artificial Intelligence

## 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)** **June 2023 – August 2023**
(3 months), Lahore, Pakistan

- 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

**Presence.AI** **Fall 2024**
Technologies: Python, OpenCV, VGG, Tensorflow

- 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** **Fall 2024**
Technologies: Python, VGG, Tensorflow

- 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**