

# Abbas Ali

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## EDUCATION

### University of Peshawar

*Bachelor Studies in Computer Science | CGPA 3.20*

Peshawar, KPK

2019 – 2023

## EXPERIENCE

### Artificial Intelligence Intern

Jan 2024 – May 2024

*Center of Intelligent Systems and Network Research, UET Peshawar*

*Peshawar, KPK*

- Conducted image annotation for plant species using Roboflow and LabelMe.
- Developed classification models for seed growth detection employing ResNet, ConvNeXt, Mask R-CNN, and YOLO architectures.
- Cultivated problem-solving and communication skills collaborating with industry professionals.

## INTERNATIONAL EXPERIENCE

### Hello GPT-4o AI Challenge Hackathon | [lablab.ai](https://lablab.ai)

June 2024

- Developed an AI-powered application to summarize and explain research papers on arXiv using Python, Streamlit, and ChatGPT API
- Collaborated with a team of six (Visionary-4o) in an international hackathon organized by lablab.ai, competing among 168 teams with 1102 participants.
- Enhanced skills in AI, Programming, and collaborative project development in a highly competitive environment
- Gained valuable experience in rapid prototyping, teamwork, and problem-solving under time constraints

## PROJECTS

### Dog Breed Classification | *Python, OpenCV, Tensorflow*

Jan 2024

- Created a dog breed classification model using ResNet50 and ConvNeXt with an accuracy of 70 percent.
- Preprocessed image datasets using OpenCV and scikit-learn for optimal model performance
- Conducted extensive model evaluation and validation to ensure robustness and reliability.

### CAMPUS-AI | *Python, Dialogflow, MySQL, flask*

Sept 2023

- Built a conversational chatbot for University using Dialogflow to guide students through admissions and provide information in conversational style.
- Coordinated with a team of 3 members to carry out the project
- Designed the model using Python, MySQL, and Dialog flow framework and trained it using data collected from the University website and different social media platforms

## VOLUNTEER EXPERIENCE

### Google Developer Student Clubs | *University of Peshawar*

2022 – 2023

- Management Team Lead: Managed seminars and workshops for the community by leading a team of 5 members for the session 2022-2023

### Blood Chain Pakistan | *University of Peshawar*

2022 – 2023

- Finance Head: Managed finance for the society activities and generated periodic financial reports after every event(2022-2023)

## TECHNICAL SKILLS

**Typing Speed:** 60 wpm

**Languages:** Python, C++, Java

**Frameworks:** Tensorflow, Keras, Scikit Learn

**Developer Tools:** Git, Google Cloud Platform, VS Code, Jupyter Notebook

**Libraries:** pandas, NumPy, Matplotlib, OpenCV,