

ABDUL WAHAB

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SUMMARY

Aspiring Data Scientist with a good foundation in Python, Machine Learning, and Deep Learning. Hands-on practice in AI projects like plant disease detection, churn prediction. Secured 1st position at BZU and 2nd at Air University in speed programming competitions. Currently AI Team Lead at Coding Hawks, a coding society in my university. Research-focused, with interests in Generative AI.

PROJECTS

Plant Disease Diagnosis using Deep Learning

- Assisted in a Master's-level research project to perform image segmentation on plant disease using deep learning to improve the classification results.
- Contributing to data annotations, data preprocessing, augmentation, and model training.
- Applying Segmentation models like Unet, U2net for segmenting the disease from image then applying Classification models like resnet50, VGG16, VGG19 and then evaluate the models.

Customer Churn Prediction System

- Built a machine learning pipeline to predict customer churn in a bank dataset with significant class imbalance using SMOTE and XGBoost.
 - Performed data cleaning, feature engineering, and model tuning to achieve 80%+ F1 score on minority class due to imbalance data.
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ACHEIVEMENTS

- 🥇 **1st Place** – Speed Programming Competition, BZU Multan, 2025
 - 🥈 **2nd Place** – Speed Programming Competition, Air University, 2025
 - 🎯 **International AI Hackathons** (Lablab.ai) – Participated in 3 global events
 - 🏆 **Coding Competition Winner** – On-site University Coding Contest, MNSUAM
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EDUCATION

BS Computer Science

Aug 2023 - Aug 2027

Muhammad Nawaz Sharif University of Agriculture, Multan

- AI Team lead & Financial Secretary in Coding Hawks Society
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ADDITIONAL INFORMATION

- **Technical Skills:** Python, Machine Learning, Deep Learning (TensorFlow, Keras,), NLP, Pandas, NumPy, Streamlit, Django.
- **Languages:** Urdu, English
- **Certifications:**
 - 📖 Advanced Machine Learning Algorithms – Stanford University (via Coursera)
 - 🤖 Basics of Artificial Intelligence – Xeven Solutions