

Abdullah Bakr

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SUMMARY

AI Engineer specializing in deep learning, computer vision, and end-to-end machine learning pipelines. Builds and ships real projects: trained CNNs achieving ~98% accuracy, published an open-source data-cleaning library (DeepCSV) on PyPI, and developed regression models on real meteorological datasets. Actively seeking freelance engagements, internships, and full-time AI/ML roles.

TECHNICAL SKILLS

Languages	Python
Deep Learning	TensorFlow, Keras, PyTorch — CNNs, custom training loops, regularization
Computer Vision	Image classification, data augmentation, OpenCV
ML & Data Science	Scikit-learn, Pandas, NumPy, Matplotlib — EDA, regression, classification
Tools & Workflow	Git, GitHub, Jupyter Notebook, VS Code, PyPI package publishing, Kaggle

PROJECTS

Cats vs Dogs Image Classifier	2026
github.com/abdubakr77/Cats-vs-Dogs-Image-Classification-98-Acc · Kaggle	
<ul style="list-style-type: none">• Designed and trained a custom CNN on the Cats vs. Dogs dataset, achieving ~98% test accuracy.• Applied data augmentation, dropout regularization, and learning rate scheduling to maximize generalization.• Stack: Python, TensorFlow, Keras, Jupyter Notebook.	
DeepCSV — Automatic Data Cleaning Library	2026
github.com/abdubakr77/deepcsv · pypi.org/project/deepcsv · Kaggle	
<ul style="list-style-type: none">• Built and published an open-source Python library on PyPI for automated CSV data cleaning.• Handles missing value imputation, outlier detection, type inference, and feature normalization.• Installable via <code>pip install deepcsv</code>. Stack: Python, Pandas, Scikit-learn.	
Weather Temperature Prediction	2026
github.com/abdubakr77/Weather-Temperature-Prediction · Kaggle	
<ul style="list-style-type: none">• Built an end-to-end regression pipeline to predict temperatures from historical meteorological data.• Performed feature engineering, cross-validation, and model comparison (Linear, Ridge, Random Forest).• Stack: Python, Scikit-learn, Pandas, Matplotlib, Jupyter Notebook.	

EDUCATION

High Institute for Engineering and Technology "Science Valley Academy"	2025 – Present
Information Systems student with a strong interest in Artificial Intelligence and Machine Learning. Alongside my academic studies, I focus on developing practical skills in Python, Data Analysis, and Machine Learning through projects and continuous self-learning.	

LINKS

GitHub: github.com/abdubakr77 | Kaggle: kaggle.com/abdullahbakr7 | PyPI: pypi.org/user/AbduBakr | Email: abdubakora1232@gmail.com