

NIMRA AKRAM

AI Engineer

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SUMMARY

Data Science enthusiast with practical experience in Machine Learning, NLP, and statistical analysis. Proficient in Python, TensorFlow, PyTorch, and Scikit-learn, with expertise in data preprocessing, feature engineering, and model evaluation. Experienced in developing predictive models for classification and regression tasks, with a focus on delivering data-driven insights and scalable solutions.

WORK EXPERIENCE

CodeCelix Nastp, Intern

09/2025 – 12/2025

- Contributed to AI/ML research and development projects involving real-world datasets.
- Developed and tested machine learning models for applications including an AI-powered Smart Resume System for automated resume parsing and candidate ranking.
- Performed data preprocessing, feature engineering, and model evaluation to improve performance and accuracy.
- Assisted in model deployment and validation, gaining hands-on experience in end-to-end ML pipelines.

Fiverr, Social Media Manager

03/2024 – 09/2025

- Managed and optimized Instagram accounts, improving audience engagement and content reach.
- Developed and executed content strategies to increase follower growth and interaction.
- Collaborated with clients and influencers to enhance brand visibility and digital presence.

Entrepreneurship Society, Team Member

2024 – 2025

- Organized and conducted seminars and workshops focused on entrepreneurship and innovation.
- Supported startup initiatives by collaborating with teams on planning and execution of events.
- Enhanced teamwork, communication, and leadership skills through active participation in society activities.

Digital Empowerment Network, Intern

09/2024 – 10/2024

- Performed data preprocessing, cleaning, and transformation for machine learning tasks.
- Trained and evaluated ML models for projects such as text prediction and churn prediction.
- Conducted data visualization and performance analysis to assess model accuracy.
- Gained practical experience in model training, testing, and evaluation workflows.

Fauji Towers, Intern

07/2023 – 08/2023

- Conducted image and dataset preprocessing for machine learning applications.
- Worked on projects including email spam detection and house price prediction using classification and regression models.
- Evaluated model performance using standard accuracy metrics and validation techniques.
- Assisted in preparing datasets and improving data quality for better model outcomes.

EDUCATION

Bachelors in Artificial Intelligence (CGPA: 3.61), NUML, Rawalpindi

09/2021 – 05/2025

SKILLS SUMMARY

Languages

Python

Frameworks

TensorFlow

PyTorch

Scikit-learn

OpenCV

Tools

Jupyter Notebook

Core Skills

Deep Learning

Reinforcement Learning

Machine Learning

GANs

RNN

CNN

Data Preprocessing

Model Evaluation

PROJECTS

Final Year Project: Language Transformer for Remote Sensing Visual Question Answering

- Built a multimodal AI system using **BERT, CNN, and attention mechanisms** to perform Visual Question Answering on remote sensing images, improving model accuracy through effective feature fusion and preprocessing.

AI Smart Resume

- Developed an intelligent resume screening system using NLP and ML to parse resumes and rank candidates.

Email Spam Detection

- Applied NLP techniques to classify emails as spam or not.

House Price Prediction

- Used regression models to estimate house prices.

Fraud Detection

- Designed an ML system to detect fraudulent transactions.

Text Classification

- Categorized text data using ML algorithms.

Sports Prediction

- Built ML models for predicting match outcomes.

Breast Cancer Detection

- Applied classification algorithms on medical datasets.

Heart Disease Detection

- Used ML models to predict heart disease risks.

Sentiment Analysis

- Implemented NLP techniques to analyze text sentiment.

CERTIFICATES

- The Nuts and Bolts of Machine Learning (Coursera, Google)
- Get Started with Python (Coursera, Google)
- Foundations of Data Science (Coursera, Google)
- Google AI Essentials (Coursera, Google)
- Maximize Productivity with AI Tools (Coursera, Google)
- Introduction to Artificial Intelligence (Coursera, Google)
- Accelerate Your Job Search with AI (Coursera, Google)