

Adeen Atif

AI Engineer | Data Scientist

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Professional Experience

Confinality | AI Engineer

Oct 2024 - Current

- Built intelligent honeypot detection and audio-classification models for Vicidial's call routing system, achieving 98% model accuracy and reducing false positives by 15%
- Deployed an LLM-powered chatbot to automate weekly reporting and insight generation for customer success teams, boosting efficiency by 20%
- Engineered end-to-end predictive modeling and AI pipelines on Google Cloud Platform (GCP) using Vertex AI for scalable model training, deployment, and orchestration in production

Vidizmo (Softtech Worldwide) | Associate Product Engineer

Jun 2024 - Oct 2024

- Led the development of a document redaction feature leveraging PaddleOCR to detect and redact sensitive text with 95% accuracy, reducing manual effort by 80% of the system users
- Built an automated pipeline for multimedia redaction using Aspose and MTCNN for accurate face detection

Systems Ltd | AI/ML Engineering Project Trainee

Aug 2023 - Jun 2024

- Spearheaded the development of the [silver award-winning DashFit AR app](#), using MediaPipe and ARCore for real-time pose estimation, enhancing apparel simulation accuracy by 25%
- Applied ML and the OneEuro filter to reduce noise and improve pose tracking, optimizing dynamic clothing fitting and elevating the overall user experience

Pakistan State Oil (PSO) | Data Science Intern

Jul 2023 - Aug 2023

- Performed real-time data interpolation and analytics on large-scale sensor data (100+ petrol pumps) via Python and Qlik Sense, improving fuel-dispensing rate accuracy by 15%
- Developed and deployed a helmet and safety equipment detection system using OpenCV, automating safety compliance at PSO's central terminal in Karachi

Technical Skills

- **Advanced AI & LLMs:** Transformers, LangChain, LoRA, RAG, Random Forest, CNNs, XGBoost, Hugging Face
- **Data Science & NLP:** NER, Embeddings, Text Classification, Statistical Modeling, Time Series, F1/ROC
- **MLOps:** Python, GCP (Vertex AI), PyTorch, TensorFlow, Azure, Git, Docker, Gradio, OpenCV
- **Databases:** PostgreSQL, BigQuery, MongoDB, FAISS, Pinecone
- **Data Visualization:** Power BI, Tableau, Qlik Sense, EDA, Business Intelligence

Leadership and Impact

- **Google Developer Student Club (Lead 2023-2024)** - Expertly demonstrated critical analysis, leadership, and conflict-resolution skills in leading successful tech ventures while efficiently managing a team of 80+
- **World Robot Olympiad (Judge 2023)** - Achieved recognition as one of the first female judges at the internationally held World Robot Olympiad, contributing to the spirit of technology in young blood

Industrial and Academic Projects

Philips Pakistan | Data Analytics Academic Project

- Leveraged Python (Pandas, Numpy) for data wrangling and analysis, cleaning and transforming customer, product, and sales datasets to uncover key trend and insights
- Performed statistical analysis and built a dynamic Power BI dashboard to visualize FMCG-style sales trends, directly supporting strategic business decisions at Philips Pakistan

Academic Qualifications

2024	BSCS	Institute of Business Administration	3.64 – Dean's List (Top 5%)
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Certifications

- **Nvidia** - [Fundamentals of Accelerated Computing with CUDA C](#)
- **Cisco** - [Computer Communications & Networking Fundamentals](#)