

SUMMARY

In my academic journey as a software engineering student at Karachi University (UBIT), I've dedicated myself to the world of data science. Over the past two years, I have gained practical experience in various areas such as Data Analytics, Machine Learning, Deep Learning, Computer Vision, and NLP. I have also published articles on machine learning models and aim to utilize my expertise to drive innovation, skills, and ability to work effectively in a team-based environment.

EXPERIENCE

Phoenix Technologies (Karachi)

ML Engineer (Full-Time) • Feb. 2024 - Apr. 2024

- Proficiently managed projects using computer vision methodologies like object detection, tracking, and segmentation through YOLO & SAHI models.

Folio3 Pvt. Ltd (Karachi)

Artificial Intelligence Intern • Jul. 2023 - Sept. 2023

- Contributed to Folio3's machine learning projects, worked on vector databases, and embeddings, and created feedback loop pipelines for the model.

Proxima AI (ICCBS-KU)

Data Science Intern • Oct. 2022 - Mar. 2023

- Made easy-to-use dashboards for better data access, gathered data from different places using web scraping, worked on machine learning models, and created practical DL models.

EDUCATION

KU - UBIT

Bachelor of Science in Software Engineering (BSSE)
2020 – 2023

GOVERNMENT DEGREE BOYS COLLEGE

Intermediate
2018 – 2019

CERTIFICATIONS

Machine Learning Specialization (Coursera)

Deep Learning Specialization (Coursera)

NLP with Classification and Vector Spaces (Coursera)

Statistics For Business Analysis (365DataScience)

Optical Character Recognition MasterClass (Udemy)

Data Analysis With Python (FreeCodeCamp)

LangChain For LLM Application Development (DeepLearning.ai)

SKILLS

Domains

Machine Learning
Deep Learning
Computer Vision
NLP
LLMs
Aws Cloud
Azure Cloud
Vector Databases

Languages

Python
C
Bash
Html / Css
Sql

Libraries

TensorFlow
Pytorch
OpenCV
Keras
Scikit Image
NLTK
LangChain
Scikit Learn
Selenium
Flask
FastAPI
Librosa

PROJECTS

- Image Style Transfer Paper Pytorch Implementation
- It takes a simple & style. image and applies style to the simple image.
- GenView (AI-Based Interview)
- LLM-driven interview system that collects interviewee data, poses questions, and assesses responses for accuracy.
- Bone Fracture Identifier
- It predicts bone fracture from an image with accuracy.
- Next Word Prediction Using LSTM
- It predicts the next word based on its training corpus.
- Query X
- It extracts information from any PDF upon request.
- Real-Time License Plate Extractor
- It captures license plate information in real-time.
- Student Exam Performance
- It uses student information to forecast scores in another subject.