



CONTACT ME

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EDUCATION

Masters in Applied Computer Science

Norwegian University of Science and Technology (NTNU)

August 2022 - present

BS Software Engineering

Sukkur IBA University, Pakistan

2017 - 2021

SKILLS

- Python
- Machine Learning
- Computer vision
- Machine Learning
- Deep Learning
- Java
- Dart
- Flutter

Muhammad Moosa

Machine Learning Engineer

WORK EXPERIENCE

Student developer

June 2023 - Aug 2023

NCR (NTNU) | Norway

As a software engineer, my work ranged from communications, collaboration, and development of software. My work mostly revolved around generating CTF challenges and injecting them through API. Worked on python, Docker, FastAPI and C++ for CTF Challenges.

Research Assistant

2022 - present

NTNU | Norway

My role has involved conducting in-depth research and developing advanced algorithms that contribute to the evolving landscape of intelligent systems. This experience has afforded me a profound understanding of the intricacies of machine learning, Python programming, and the practical applications of complex computer vision techniques.

Teaching Assistant

2022 - present

NTNU | Norway

I have had the opportunity to guide and mentor students across a range of subjects including Database Management, Web Development, Mobile Application Development, Machine Learning, and Programming & Numeric.

Mobile Application Developer

Jan 2022- Aug 2022

XEarth | Ivory Coast

My role involved designing and implementing user-friendly mobile applications, integrating APIs for enhanced functionality, and utilizing Docker for efficient deployment.

PROJECTS

Underwater acoustic data classification

QuickFix Mobile Application

EffDet-ocsort, Animal tracking

CTF Challenges generator

OSN Analysis

MOOC Sentiment Analysis

Blood Bank Management System

ACHIEVEMENTS

AI-based Animal tracking and behavior Observation - Research paper (in progress)

Computers in Biology and Medicine (IF 6.69) | THE ENLIGHTENING ROLE OF ARTIFICIAL INTELLIGENCE (XAI) IN MEDICAL & HEALTHCARE DOMAINS: A SYSTEMATIC LITERATURE REVIEW (2023)

Coordinator Sports and Adventure Society, Sukkur IBA

HEC Football Division Champion 2021 (captain)

Winner in Inter-Dorm Cricket Championship, China

Winner in Inter-Dorm Cricket Championship, China

Secured scholarship for Masters (NORPART-CONNECT) 2022.

Secured scholarship for Bachelors National Talent Hunt Program 2017 (OGDC).