OSAMA AYAZ

SOFTWARE ENGINEER

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Education

Bachelor of Engineering

National University Of Sciences And Technology(NUST)

2023 - Current

FSc.

Aziz Bhatti Shaheed Army College Mardan

2021 - 2023

Certifications

- Internship in ML & AI
- Advanced Learning Algorithms
- Supervised Machine Learning: Regression & Classification

Skills

Machine Learning

Deep Learning

Android Development

C++

Java

Language

Pushto

Urdu

English

About me

Driven software engineering student at NUST with practical experience in Machine Learning, Android development, and AI. Proficient in C++, Java, and Python, with a strong foundation in problem-solving and hands-on project management.

Experience

Intern

Jun 2024 - Sep 2024

Murabbi & Hamsan Tech

Completed an internship in Machine Learning and Deep Learning, participating in a data visualization workshop using Power BI. Successfully delivered a skin cancer detection project using CNNs, demonstrating outstanding performance.

Projects

Jarvis

Developed Jarvis, a personal AI assistant, capable of executing system-level commands such as shutting down, restarting, locking, and sending WhatsApp messages. Integrated features like weather forecasts, news retrieval, music playback, and facial recognition for enhanced security. Additionally, implemented performance analysis to monitor and optimize its responsiveness. Continuously working on expanding Jarvis's capabilities to automate daily tasks and streamline interactions.

FESTIVA

Developed FESTIVA, an Android app designed to manage university sports and societal activities. The app features functionalities such as sports ground reservations, a waiting system, and real-time updates on society events. Focused on enhancing user engagement and streamlining event management, FESTIVA aims to foster community participation and improve communication among students.

Skin Cancer Detection Model

Executed a project focused on cancer detection, utilizing CNNs to classify skin lesions as benign or malignant. Improved the model's accuracy to 100% and recall to 88% through rigorous evaluation, contributing to advancements in medical diagnostics and early detection of skin cancer.