BEHZAD KHADIM

BS. COMPUTER SCIENCE

CONTACT ME

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Lahore, Punjab, Pakistan

EDUCATION

2024
COMSATS University Islamabad • Lahore Campus
CGPA 3.22
Bachelors of Computer Science

2019
Minor in Pre-Engineering • Forman Christian College •
Lahore
Intermediate

2017
Minor in Computer Science • Sadiq Public School •
Bahawalpur
Middle School & Matriculation

2012
Aitchison College • Lahore
Junior School

SKILLS

Technical Skills: Digital Image Processing, Machine Learning, ML Algorithms, Web Development, App Development, Satellite Imagery, Remote Sensing, Django.

Languages: Python, C++, SwiftUI, Javascript, Html Css

Certifications:

• 100 Days of SwiftUI By Paul Hudson • 2022

https://www.hackingwithswift.com/100/swiftui

Achievements

1st Position in FYP Poster Competition
FYP Exhibition Comsats Lahore-Fall2023

3rd Position in FYP Project Competition
FYP Exhibition Comsats Lahore-Fall2023

ABOUT ME

Motivated computer science graduate seeks entry-level position to apply theoretical knowledge and gain practical experience. Strong academic foundation, passion for technology, and solid understanding of computer science principles. Eager to contribute to a dynamic organization, expand skills, and grow expertise.

PROJECTS

FieldSense Web App
Final Year Project • May 2023 - December 2023

Built an agricultural monitoring site specialising in Corn crops, integrating a React frontend and Django/MySQL backend. Proficient in Google Maps API and Google Earth Engine API, using satellite imagery and remote sening techniques incorporated machine learning algorithms for fertilizer detection, crop classification and harvest date prediction

Brain Tumour Segmentation Model
Semester Project • April 2023 -June 2023

Enhanced MRI scans using TensorFlow's U-Net for precise brain tumor segmentation. Prevented overfitting, ensured high-quality data. Created visual reports for clarity. Incorporated model into a GUI app for real-time tumor segmentation.

Watkins2.0 IOS App
Teacher's Assistant • May 2022 - April 2023

Crafted Pedometer App with SwiftUI, showcasing UI/UX skills, activity motion sensor integration, and data management. Leveraged Core Motion for step tracking, enabling start/stop functions and data retrieval. Promotes fitness, highlighting iOS development and user-centric design expertise. The App is live on the Appstore by the name "Watkins2.0"

Music Genre Prediction Using Spotipy API
Semester Project • December 2023 - January 2023

Developed a Genre Prediction app with a tkinter GUI using Machine Learning and Data Science techniques. The app classifies songs into genres based on unique features, utilizing the Spotipy API for prediction. Collaborated in a team of four to enhance accuracy through algorithm selection and regularization.

PetsMall MERN Website
Semester Project • November 2023 - January 2023

Led a team of 3 to create an Ecommerce site for Pet's Accessories using MERN stack. Applied Data Science to scrape product info and images. Integrated MongoDB, enabled responsive design Using React with Bootstrap. Features include listing, search, authentication, cart, orders, and secure password storage. Implemented role-based authorization, online payments via Stripe, and stored addresses using Google Maps API.

ConnectHub React Native App
Semester Project • December 2023 - January 2023

Crafted a cross-platform Social App using React Native for iOS/Android. Users can post updates, like, comment, and connect. Firebase was used in the backend, using Realtime Database for storage/sync, and Authentication for security. Real-time updates via Firebase ensure instant content updates. Ensured seamless performance across diverse devices/platforms.