Bilal Sardar

COMPUTER SCIENTIST

Details

Lahore
Pakistan
+92 324-4441479
contactbilalsardar@gmail.com

Links

Hugging face

GitHub

Skills

Git

Node.js

React

SQL

CSS

HTML

MySQL

JavaScript

C++

Python

Java

Experience

Teacher Assistant
FAST NUCES ,LHR
Courses
Software for Mobile Devices,
Parallel and Distributing
Computing,
Artificial Intelligence

Achievements

6 times in Deans List (Semester 2,4,5,6,7,8)

Availed 100 Percent Scholarship in College

Profile

To leverage my technical skills and passion for continuous learning in a challenging role as a Computer Science professional at a high-growth organization.

Education

ICS, Punjab Group Of Colleges, Lahore
JUNE 2017 — JULY 2019

BSCS, FAST - National University of Computer and Emerging Sciences (NUCES), Lahore
AUGUST 2019 — AUGUST 2023

GPA 3.56

Personal Projects

A Smart Mirror
An IOT device. Integrated GPT3.5 and live emotion detection in a mirror.

Tools And Technologies: raspberry pi, python

Racconto
An android gallery application with AI models for image search based on color, object, emotion and person name, featuring a Storytelling module utilizing GPT3.5 and voice cloning technology to create personalized video stories.

Tools And Technologies: Java, Kotlin,Python

VIDIFY
Vidify, an Android application that enables video and audio calls, utilizing Jitsi server for call functionality and Firebase for user authentication and data storage.

Tools and Technologies: Java, Kotlin

AI Picasso
A visual annotation tool with an intuitive paint-like interface for users to draw rough sketches and provide textual descriptions, which are then used to generate refined images via image-to-image diffusion models.

Tools and Technologies: python, Stable diffusion

VidQuest
An automated video summarization and quiz generation tool called Vidquest that takes a YouTube link, extracts the audio using youtube-dl, converts speech to text with Google Cloud API, summarizes the text with a summarization model, identifies keywords with another model to generate multiple-choice questions and uses GloVe embeddings and WordNet to generate distractors for those questions.

Tools and Technologies: Python

E-commerce website
An e-commerce website to sell bed sheets for a retail client, handling product listings, a shopping cart, payment integration, and admin product management.

Tools and Technologies : React.js, HTML, CSS , Fire Base

Game of Life
A zero-player game.

Tools and Technologies: Java