Sahbaz Singh

Sahbazsingh6799@gmail.com | +44 (0)7435575524 | London, United Kingdom
http://www.linkedin.com/in/sahbazsingh

EDUCATION

BEng (Hons) Software Engineering | University of Westminster - London, United Kingdom (2021 - 2024)
Class 12 (Senior Secondary Education) | Springdale Senior Secondary School, Amritsar, India
Class 10 (Secondary Education) | Dalhousie Public School Dalhousie, Himachal Pradesh, India

SKILLS SUMMARY

PROGRAMMING LANGUAGES: Python, Java, JavaScript, HTML, SQL
FRAMEWORKS: TensorFlow, Django
LIBRARIES: Scikit Learn, Pandas, NumPy
Areas of Expertise: Machine Learning and Data Mining, Computer Vision (experience with OpenCV, image recognition, object detection)
Soft Skills: Leadership, Public Speaking, Time Management

PROFESSIONAL EXPERIENCE

Warehouse Operative (part-time)   05/2023 – 01/2024
Amazon| London, United Kingdom
Enhanced packing efficiency and accuracy using Amazon's protocols, ensuring safe and timely order processing.

Warehouse Operative (part-time)   05/2022 – 02/2023
Jones Hire| London, United Kingdom
Managed stock control and distribution tasks, including the use of Mechanical Handling Equipment and maintaining accurate inventory records.

Subway Sandwich Artist (part-time)   01/2022 – 03/2022
London, United Kingdom
Delivered high-quality customer service and managed transactions, adhering to food hygiene standards to maintain brand reputation.

PROJECT WORK

Web Application for Exercise Error Detection | University of Westminster Final Year Project | London, United Kingdom (2023-2024)

Project Overview: Developed a web application that analyzes uploaded video files to detect errors in physical exercises using machine learning and deep learning models.

Technologies Used: Python, Django, TensorFlow, HTML, CSS, JavaScript.

Key Responsibilities:

- Engineered a user-friendly web interface using Django, enabling users to upload video files for analysis.
- Implemented machine learning and deep learning models with TensorFlow to accurately detect exercise form errors from uploaded videos.
- Handled backend development tasks, including server-side logic and database management for user data and analysis results.

Achievements: - Achieved high accuracy in error detection, enhancing user experience by providing detailed feedback on exercise performance.

Impact: Provides a valuable tool for fitness enthusiasts and trainers to analyze exercise form and technique, promoting better training habits and reducing the risk of injury.

CERTIFICATIONS / PROFESSIONAL TRAINING

IELTS: IELTS CENTER Amritsar, India (2021)

Class 10 Exams: 97%

Class 12 Exams: 83%

Complete A.I and Machine Learning, Data Science Bootcamp: Certificate from Udemy (17 Feb 2024)

ADDITIONAL INFORMATION

LANGUAGES: English, Hindi, Punjabi, Urdu

INTERESTS: Basketball, Cricket, Politics