Munsi Walid Al Hassan Nizhu

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Hugging Face
Github
LinkedIn
Portfolio

Career Objective

Candidate with proven expertise in Python, NLP, PyTorch, and TensorFlow seeking a challenging role to leverage skills in object detection, segmentation, and pose estimation. Eager to contribute to organizational goals while further developing technical and communication abilities.

Education

2024 **B.Sc. in CSE**, *Bangladesh University of Business and Technology(BUBT), Mirpur-2, Dhaka*, Bangladesh
CGPA - 3.97 | Computer Science Engineering

Skills

Programming, Algorithm, Python, PyTorch, Tensorflow, Natural Language Processing, Machine Learning, Datasets, FastAPI.

Professional skill

Intern at HawkEyes Digital Monitoring Limited.

Projects

Face-Detection-Using-URL:
Description: I am using a pre-trained custom model to create a fastAPI app, where input is a URL or multiple URL of image and response is a person's name, prediction accuracy, and image coordinate.

Find-Direction-Of-A-Bolt:
Description: To find a bolt angle on a surface and also find the bolt center point and head position using two pre-trained yolov8 models.

Floor-Object-Rooms-and-Bed-direction-Identification-according-to-Vastu-angle:
Description: In this project, I made an AI solution for helping people identify their floor plans based on the Vastu angle.

Image-detection-using-pretrained-model-ssdlite-320-mobilenet-v3-large-with-FastApi:
Description: I am developing an Object Detection API utilizing the FastAPI framework. The API leverages a pre-trained model called ssdlite320-mobilenet-v3-large, which is specifically tailored for object detection tasks. This model is built upon the MobileNetV3 Large architecture and operates with an input size of 320x320 pixels.

Cyber-Attack-Detection-Using-Ensemble-Classification:
Description: The project helps to detect different type of cyber different types of Cyber attacks.
Technologies Used: Python, Pandas, RFE, Naive Bayes, LogisticRegression, DecisionTree.

Depression Level Detection in Social Media:
Description: The project helps to detect depression levels 0 to 4.Where 0 is a general post and 4 is a suicidal post.
Technologies Used: Python, Pandas, tensorflow, Gaussian mixture, keras, RNN, LSTM, DistilBert.

Extra Curriculum Activities

Competitive programming	Problem-solving URI 170 and UVA 135. Participated in ICPC Asia Dhaka Regional Site Online Preliminary Competition.
Volunteering	ICPC 2023.
Club	BASIS Student Forum of BUBT Chapter Club.