Munsi Walid Al Hassan Nizhu

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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, Natural Language Processing, PyTorch, Tensorflow, Machine Learning, Object Detection, Segmentation, Pose estimation, Datasets, RoboFlow, YoloV8 ML Model, FastAPI.

Professional skill

Intern at HawkEyes Digital Monitoring Limited.

Projects

FastAPI-Object-Detection-using-pre-trained-yolov8-model-Upload-Image:
Description: I am using a pre-trained custom model to create a fastAPI app, where uploaded an image and response is a person's name, prediction accuracy, and image coordinate.

FastAPI-Object-Detection-using-pre-trained-yolov8-model-with-multiple-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.