Pragya Shashwati

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| LinkedIn | GitHub |

OBJECTIVE

Targeting an internship cum full-time job role, which could provide me with an opportunity to enhance my knowledge working under professionals and help me to reach the pinnacle with sheer determination, dedication and hard work so that I could contribute some inputs to the company.

EDUCATION

Vellore Institute of Technology, Vellore   2019 - Present
Master of Computer Applications, 9.58 CGPA

Birla Institute of Technology, Mesra, Ranchi   2016 - 2019
Bachelor of Computer Applications, 8.29 CGPA

TECHNICAL PROFICIENCIES

Programming Languages: C, C++, Java, Python, HTML, CSS
Database: MySQL, Oracle
Data Structures, OOPS, Machine Learning

PROJECTS

Covid-19 Detector
- Trained a CNN model using X-ray images of patients to detect whether the patient is suffering from Covid-19 or not. It achieved an accuracy of 96%.

Waste Segregation using CNN
- Implemented simple CNN architecture, using Keras to classify the images of garbage into organic or recyclable wastes. Also implemented the classification using SVM and compared the results of both.

Hand Gesture Recognition
- A real-time hand gesture recognition system is built in which the American Sign Language is converted to text using OpenCV and CNN.

Enhanced Dynamic Round Robin Scheduling Algorithm
- Proposed an approach that reduced the waiting time, turnaround time and the number of context switches of the Round Robin scheduling algorithm.

Chatbot – BOTMAN
- This bot aims to identify the biomarkers of mood disorders (anxiety and depression) using a tool, Vader and send notifications appropriately to the responsible contact of the user in case of an emergency.

ADDITIONAL SKILLS

- Strong desire and passion to learn new technologies
- Quickly grasp and master new technologies
- Critical thinking
- Ability to work independently as well as in a team environment