SAKSHAM CHECKER

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OBJECTIVE

ML-AI Enthusiast, 2nd year student at Delhi Technological University

EDUCATION

Bachelor of Technology, Engineering Physics Delhi Technological University, Expected 2024
CGPA - 9.5
Senior Secondary Education, Science, Vishal Bharti Public School 2020
91.8%
Secondary Education, Science, Vishal Bharti Public School 2018

SKILLS

Languages and Technical Skills C++, Python,Machine learning,Deep Learning, Networking
Tools and Technology Data Structures, Packet Tracer, Linux, Unity, Blender

EXPERIENCE

Researcher December 2020 - Present
CALIBRE-DTU *New Delhi, IN*

- Working on research on Application of Deep Learning in IoT.

PROJECTS

Brain Tumor Segmentation. This project presents the implementation of two Deep Learning models which are used for segmentation of brain tumor using the images available in a dataset on Kaggle.
Medium Blog Github

Human Activity Recognition. Detects if the owner of the phone is sitting, standing, laying down or any other activity using the data signals given by the sensors available in the phone.
Medium Blog Github

E-Commerce Product Recommendation System. Natural Language Processing can be used to recommend products for the customer. The models are tested for Fashion products.
Medium Blog Github

Satellite Image Classification. Convolutional Neural network is used in the project to predict the terrain type using images from satellites.
Medium Blog Github

Savinodam. A Unity based game, reviving Sanskrit through ancient Gurus themselves. Savinodam is a Virtual Reality based app that will take you back to the historical era where you will be taught language of the ancient scriptures and Vedas by Gurus themselves.
Github

Amazon(E-Comm.) Priced Tracker. A python based tool to Track price of specific links entered by user,The tool tests the price by webscrapping.
Github

ACHIEVEMENTS

Finalist of Toycathon 2021. Participated in Toycathon 2021 organized by the innovation cell of Ministry of Education along with AIEEE. Out of the initial 17000+ ideas nation-wide, our team reached the final round of the competition with 270(approx.) participating teams.

PUBLICATIONS

Solar Panels Crack Detection using Overhead Images Image classification on defected and normal solar panel images. DOI : 10.22214/ijraset.2021.38532

POSITION OF RESPONSIBILITIES

Technical Co-head April 2021 - Present
RoundTable-DTU *New Delhi, IN*