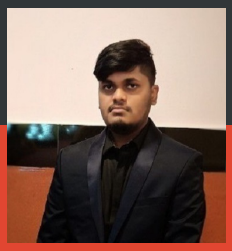

Linkedin Github kaggle analyticsvidhya

MAHESH S

MTECH ARTIFICIAL INTELLIGENCE

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EXECUTIVE PROFILE

Looking for an Opportunity to work in a highly motivated team where my skills and ideas get recognized with the help of new age technology era.

TECHNICAL SKILLS

Programming Languages & Tools:
Python, Matplotlib, Pandas, NumPy, Scikit-learn, Keras, Flask, Detectron 2 , d2go, Tensorflow, pytorch, yolo, PAGE(ui design), PYQT.

Platforms:
Anaconda, Jupyter Notebook, Spyder, PyCharm, Postmans

KEY SKILLS

COMPUTER VISION
DEEP LEARNING
MACHINE LEARNING
IOT

EDUCATION HISTORY

PRESIDENCY UNIVERSITY
MASTERS IN ARTIFICIAL INTELLIGENCE (8.5 CGPA*)

OXFORD COLLEGE OF ENGINEERING
BACHELORS IN MECHATRONICS

CERTIFICATIONS

INEURON: Deep learning and computer vision
KAGGLE: Python
UDEMY: Machine learning with python

LANGUAGES

ENGLISH , KANNADA
BASIC: french , hindi , telugu

HOBBIES

3d printing , music , Movies.

Presidency University Bangalore
TITLE : Teaching assistant
WORK : Teaching internet of things to engineering students.

Neo-Thermal AI Innovations LLP

Title: AI / CV intern
work : webscraping + nlp

INEURON.AI (4 -months)

Title: **Home security automation**
AIM: To build a Home automation system which can use camera feed to detect the owner and authenticate and also to detect the intruders and raise the alarm in case of intrusion.
Technologies used : python, detectron2 , d2go, pycharm, page.
Hardware : raspberry pi , imou ip camera , 12v solenoid door lock , speaker.

PROJECT

TRAINING ANIMALS USING THE CONCEPTS OF AI

AIM : We will train an animal to travel to a specific location in this project. This procedure will be completely automated when a certain sound is played.

- Technologies used : python, detectron2 , d2go, pycharm, page.
- Hardware : guineua pig ,raspberry pi , imou ip camera , servo feeder , speaker.

MASK DETECTION AND SOCIAL DISTANCING

AIM : The project was built to predict the person was wearing mask or not and when two person are near it gives warning.

- Technologies used : Python, Tensorflow Object Detection 2.x, LabelImg tool, OpenCV, PyQt Using different state of the art models like EffecientDet, YOLOV5, Faster R-CNN Inception ResNet V2 etc.

TWITTER DEPRESSION DETECTION IN TWEETS

AIM : Based on the tweets build a model which can predict whether the tweet is depressed or not and also to deploy the model.

- Technologies used : Python, Tensorflow 2.x, Keras, Jupyter Notebook ,ml
- Used various preprocessing techniques in NLP to process the text data into our Neural Network.
- pre-processed data was fed in sklearn pipeline for ml algorithmn
- the model was deployed in anvil
- A desktop application was built using page.

ML AND DL PROJECTS

i have done many projects related to classification and regression in machine learning.

in deep learning ,I have done many work on classification , regression and timeseries prediction and Gan and video super resolution and also worked on computer vision and nlp.

DECLARATION

The declared information is true as per my knowledge