DMN SANGEETH

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https://github.com/DMN-SANGEETH

TECHNICAL SKILLS

Programming Languages :

- Python
- Java

Artificial Intelligence :

- Machine Learning
- Deep Learning(Supervise Learning and CNN Algorithms)

Development :

- TensorFlow
- Keras
- Scikit-learn
- PyTorch
- FastAPI

Database:

- Firebase
- MySQL

PROFILE

A self-learning passionate diplomat at the Information Technology University of Moratuwa who currently completed a BSc (Hons)Computing degree at Wrexham Glyndwr University and is interested in Deep Learning and Data Science fields to proceed. With 15 months of experience currently researching some CNN, NLP, and RNN.

EDUCATION

Wrexham Glyndwr University - BSc (Hons)Computing
(Completed all exams and waiting to get degree completion letter (next month - 09/2023))

NDT in Information Technology (2019/2020-Batch)
Institute of Technology | University of Moratuwa

G.C.E Advanced Level
MO/Koularagama National School
Physics Stream(2018) : 1-B, 1-C, 1-S

WORK EXPERIENCE

Entgra Private Limited - Trainee software engineer (full-stack developer 7 months training**)**

PROJECT

Diagnosis of heart patients using deep neural network (Group Project)

This is a deep learning and image processing-based system to detect the presence of heart disease or not by analyzing the input image. **Image Processing techniques, Python, OpenCV, TensorFlow, Keras, CNN, FastAPI, React, Firebase** are used to develop this system.

Operating System :

- Linux / Ubuntu

Version Control System:

- GIT

TOOLS

- Anaconda Navigator
- Jupyter Notebook
- Spyder
- Orange 3
- VS Code
- Postman
- NetBeans
- Intellij IDE
- Adobe Photoshop

INTERESTS

- Data Science
- NLP - RNN(LSTM)
- Computer Vision

SOCIETIES

- Computer society (ITUM)
- Rotaract club of UOM
- Gavel club of ITUM
- Robotics club of ITUM

SOFT SKILLS

- Team Management
- Self-Directed Learning
- Leadership skills
- Communication skills
- Problem-solving skills

Stock-market-value-prediction-LSTM
(Use AAPL historical data set)

Question-and-Answering-system
(BERT Transformer use to implement this model)

Face Mask Detection Using CNN
(Individual - Project)

Audio Classification model
(Use librosa to predict sound)

AI-Chat-bot
(ongoing Project)

Face recognition using FaceNet
(ongoing Project)

Fake-News-Classification
(LSTM with word embedding one_hot representation

CERTIFICATION

- Introduction to Neural Network and Deep learning certificate (CrtifiProf)
- Following open learning platform courses(University of Moratuwa)
- Scrum foundation professional certificate (CrtifiProf)

REFEREES

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