NISHAN SANGEETH

CONTACT

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dmn-sangeeth

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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. I have spent the last fifteen months researching to CNN, NLP, and RNN.

EDUCATION

Wrexham Glyndwr University - BSc (Hons)Computing
(Awaiting to get the Graduation Completion Letter – 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

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.

Stock-market-value-prediction-LSTM
(Use AAPL historical data set)
Use 50 window sizes and use open-value to get training and test data.

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

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)

WORK EXPERIENCE

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

- Spring boot backend created for ongoing project
- React frontend created
- API with metadata handling
- SQL Query handling

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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