



NISHAN SANGEETH



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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.

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

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

Dr. (Mrs.) K. Galappaththi

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