Jayakumar S

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EDUCATION

KALASALINGAM UNIVERSITY
BTech in Computer Science and Engineering
2020 - Present | Krishnankoil, TamilNadu
Academy of Research and Education
Cum. GPA: 8.07 / 10.0

MUSLIM HR SEC SCHOOL
Grad. Mar 2020| Abiramam, TamilNadu
10th Marks: 426 / 500
12th Marks: 442 / 600

LINKS

Portfolio:// **jayakumars.dev**
Github:// **JAYAKUMAR7**
LinkedIn:// **jayakumar07**
Kaggle:// **jayakumar07**
Twitter:// **JayaKumar171**

COURSEWORK

UNDERGRADUATE
Machine Learning
Natural Language Processing
Deep Learning
Design and Analysis of Algorithms
Operating Systems
Database Management Systems
Computer Networks

SKILLS

PROGRAMMING
Over 5000 lines:
Java • Solidity
Over 1000 lines:
Git Bash • LaTeX • Python
Familiar:
HTML • CSS • Javascript

HOBBIES

• Arbitrage Trading
• Looks for updates on Blockchain
• Problem Solving
• Reading History books on world politics
• Outdoor games

PROJECTS

FLOWER IDENTIFICATION USING TENSORFLOW | 3RD SEMESTER
Github link:// flower-identification-using-tensorflow
• Identification of flowers by using popular flower image dataset which classifies the respective flower's name with the help of tensorflow.

LOAN PREDICTION USING SUPERVISED MACHINE LEARNING MODELS | 4TH SEMESTER
Github link:// Loan-prediction-using-supervised-machine-learning-models
• Prediction of loan by verifying all the satisfactory constraints to be done for loan approval by using supervised machine learning algorithms.

BITCOIN PRICE PREDICTION | 5TH SEMESTER
Github link:// Bitcoin-price-prediction
• Prediction of the decentralized Bitcoin's price based on the previous data obtained from the yfinance website.

PNEUMONIA CLASSIFIER | 6TH SEMESTER
Github link:// Deep-learning-based-pneumonia-classifier
• Deep learning based Pneumonia classifier which classifies the respective pneumonia class with the help of chest X-Ray images by using 7 different CNN models.

SMART STICK FOR BLIND PEOPLE | 6TH SEMESTER
Github link:// Smart-Stick-For-Blind-People
• Helping aid for blind people which helps them via object detection, GPS location tracking and messaging the location using GSM Module to the guardian.

EXPERIENCE

TECHTRUNK VENTURES | INTERN
2021 | Hyderabad, India
Worked on a project which deals with the creation of S3 buckets and hosting of website and deals with the domain configurations by creating hosted zones in Route 53 on Amazon Web Services (aws)

AWARDS

2023   Won Second Prize in Project presentation Competion for the project "Pneumonia Classifier" conducted by IBM
2022   Published Research paper on **"Analysis on Forecasting of Loan using Supervised Machine Learning Models"** on IEEE Xplore
2021   Participated in GUVI's Guinness World Record of "Most users to take an online computer programming lesson in 24 hours"

PUBLICATIONS

[1] S.Jayakumar, B. Manickam, Kamalakannan, Padmanaban, and M. N. Balaji. Analysis on forecasting of loan using supervised machine learning models. *IEEE Xplore*, 2022.