SAMRITHAA JEEVARATNAM

Undergraduate - BSc in Artificial Intelligence & Data Science

CONTACT

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Colombo, WP
Linkedin
Portfolio
Github

SKILLS

Python, R, Pytorch, Flask
Tensor Flow, sci-kit learn
HTML, CSS, JavaScript
Power BI, Apache Spark
AWS Cloud, Git, MS Suite
Project Management
Critical Thinker, Interpersonal
Team Player, Leadership

CERTIFICATES

1. Deep Learning using Tensorflow
2. Completed grade 02 in CALSDA with Honors - 2016.
3. The Sri Lankan Festival For Performing Arts 2011 - All Island Winner.
4. Received Distinction & Commendation in Sri Lankan Festival For Performing Arts - 2009, 2010, 2011 and 2012.

REFERENCE

Dr. Sumann Subramaniam
CIO - Decode369
Co-Founder - Synergy Skills
CISO Advisor | Security Research
Phone: +94 (77) 309 9841
Email : sumanndev@yahoo.com

Mr. Prashan Rathnayaka
MIASSL, SLAIHEE
Lecturer in Math. & Stat. |
Module Leader at IIT
Phone: +94 (74) 373 5347
Email : prashan.r@iit.ac.lk

PERSONAL STATEMENT

I am an individual who is passionate about data science and machine learning and a team player with strong communication skills, adept at solving complex problems quickly and innovatively. **Read More**

EDUCATION

B.Sc.(Hons) Artificial Intelligence & Data Science - **Informatics Institute of Technology Undergraduate** - Affiliated with Robert Gordon University, Aberdeen, Scotland
2022 - 2026 (Expected)

High School Diploma - Advanced & Ordinary Level - **Royal Institute International Cambridge International**
2020-2022

PROJECTS

Acci Tracker: Road Accident Prediction App - Python, Flask, Model Development
- Performed Data Cleaning and Data Extraction for pre-processing phase.
- Trained a model for accident severity measure using logistic regression and random forest classifier.
- Performed hyper parameter tuning on the models to improve accuracy and then compared with existing researches to produce the best accuracy.

Wine Quality Predicter - Machine Learning (Random Forest Classifier), Python
- Performed Data Cleaning and Data Pre-processing on the data extracted from Kaggle.
- Trained a model for the wine prediction using the random forest classifier

HCHO Insight: Analyzing Air Quality & Climate in Sri Lanka - Python, LSTM, PowerBI
- Extracted Weather Data from Kaggle and cleaned the data for null values.
- Trained a LSTM Model for Analyzing Air Quality and other properties of weather.
- After model training, utilized PowerBI to create an interactive dashboard for data visualization

Predicting Income Using Census Data - Naïve Bayes, Random Forest, Python
- Utilized existing Weather Data from Kaggle, cleaned and pre-processed for model training.
- Performed Model training using the Naïve Bayes and Random Forest Classifier

MANS Fitness Web Application - HTML, CSS, JavaScript
- Designed the UI for the products and About us page using HTML and CSS for styling
- Performed version control and deployment on GitHub actions and pages

Rally Championship Management System - Java, JavaFX, OOP, Scene Builder
- Developed the program with object oriented programming concepts with CRUD operations for racers and tracks management
- Created the UI design on scene builder using drag and drop elements.

SCAMS Club Membership Management System - Java, JavaFX, SQL Workbench
- Programmed functions and code for handling the login and sign up functions for students.
- Integrated Database connection to MySQL Workbench for storing student details
- Designed Login UI on Scene Builder for JavaFX