VENKAT SAI YESWANTH

Career Objective

I intend to be a part of an organization where I can constantly learn and develop my technical and management skills and make best use of it for the growth of the organization. I look forward to establishing myself by adapting new technologies as well.

Technical Skills

Programming languages	C, Python, R Programming
Web Technologies	HTML, CSS, JavaScript
Databases	SQL, RDBMS

Education Qualification

Master of Science in Data Sciences *Sep 2023 - Current*
New Jersey Institute of Technology, Newark, New Jersey, U.S.A

Bachelor of Technology in Computer Science and Eng., GPA: 3.17/4.0 *Aug 2019 – May 2023*
Chaitanya Bharathi Institute of Technology, Hyderabad, India

Related Coursework

- Data Structures
- Web Application Development
- Object Oriented Programming
- Artificial Intelligence
- Machine Learning
- Database Management
- DevOps
- Cyber Security

Online Learning

- ***Data Structures*** from Smart Interviews
- ***Mastering Data Structures and Algorithms using C*** from Udemy
- ***Complete Python Bootcamp*** from Udemy

Projects

Hidden Markov Model based trust evaluation in VANETs *TCL*
Developed a Trustworthy model using **HMM** and Blockchain to increase accuracy in wireless communication in **VANETs**

Digit Classification from MNIST dataset using Random Forest Classifier *Machine Learning|Python*
Applied **Random Forest Classifier** Algorithm on MNIST dataset to identify and classify digits

Spam detection in twitter *Machine Learning|Python*
Developed a good-looking application which deals with spam detection in twitter and calculate percentage of fake tweets

Quality of wine from the dataset related to red variant of the Portuguese "vindo verde" wine
Machine Learning|Python

Used Linear Regression and **sklearn** library to find quality of wine from the dataset

PSO, ABC, AND A2BC BASED FEATURE SELECTION FOR CLASSIFICATION MODELS IN AN EDUCATION APPLICATION *Machine Learning|PSO|ABC|A2BCF*

This project is a comparison of Swarm Intelligence-based optimization algorithms, like Particle Swarm Optimization (**PSO**), Artificial Bee Colony (**ABC**), and Advanced Artificial Bee Colony(**A2BC**).

The comparison is done based on the accuracy they provide when used for feature selection to classify student success. The accuracy is calculated using SVC, Random Forest, XGBoost, and Voting classifiers.

The Advanced Artificial Bee Colony algorithm is an improved version of ABC that includes extensions to the ABC algorithm.

Professional Experience

Oracle NetSuite *July 2022 – Aug 2022*

Role: Intern

Responsibilities:

- Implemented various functionalities into the Oracle's ERP solution - NetSuite using their internal framework SuiteScript 2.0