Stebin George

DATA SCIENTIST/ANALYST

PROFILE

Accomplished Data Scientist with a passion for delivering valuable data through analytical functions and data retrieval methods. Proficient in predictive modeling, data processing, data mining algorithms, and scripting languages, including Python and R. Committed to helping companies advance by helping them to develop strategic plans based on predictive modeling and findings.

EDUCATION

M.SC DATA SCIENCE, Christ University, Lavasa, Pune

AUGUST 2021 — JUNE 2023

- Graduated with a CGPA of 9.56, securing the second rank
- Class Representative for the year 2021-22
- Obtained second position in the first ever 24 hours hackathon conducted by the university for "Life Expectancy Prediction Using ML & DL"

B.SC PHYSICS, Mahatma Gandhi College, Iritty, Kannur

JUNE 2018 — MAY 2021

- Graduated with a CGPA of 9.576, securing the seventh rank
- Cleared JAM Exam
- Member of Mock parliament and got third prize in State Competition

HIGHER SECONDARY, St Mary's HSS, Edoor, Kannur

JUNE 2016 — MARCH 2018

- Graduated with 98.75 %
- Awarded Inspire Scholarship

EXPERIENCE

AIOT intern, WIZnet India Private Limited, Bangalore

JANUARY 2023 — APRIL 2023

- Worked on Various project by integrating AI with IoT.
- The projects were properly documented and was published in reputed websites like hackester.io and WIZnet makers.
- Got hands on experience in Image processing, IoT and AI.
- Tools: **OpenCV, Keras, Raspberry Pi, Arduino**

Data Science Intern, Ei-Systems Technologies, Ghaziabad, Uttar Pradesh

FEBRUARY 2022 — MAY 2022

- Got training on advanced Python and Data Visualization Tools.
- Completed the internship and submitted a project titled "A Study on AirQuality of Chennai."
- Tools: **Excel, Pandas, Sklearn, Matplotlib, Seaborn**

CERTIFICATIONS

- Google Data Analytics Professional Certificate
- Inferential statistics, Duke University
- Python(basics), Hacker Ranks
- Introduction to machine learning, Duke university
- Natural language processing, Udemy
- AWS cloud certificate

Details

8289971305
stebingeo17@gmail.com

NATIONALITY

India

Links

PORTFOLIO
GITHUB
LINKEDIN

Skills

- Python
- IoT
- R
- Machine Learning
- SQL
- Data Analysis
- NLP
- Amazon AWS
- Microsoft Excel
- Hadoop
- Flask

Languages

- English
- Hindi
- Malayalam

Hobbies

Cycling
Cricket
Reading

PROJECTS

Smarter Alexa with ChatGPT

- The "Smarter Alexa with ChatGPT for Controlling LED Lights" project uses Amazon Alexa and ChatGPT to create a seamless and intuitive experience for controlling LED lights.
- Users can control the LED lights using natural language, and the system can be programmed for advanced functions such as syncing the lights to music or displaying scrolling messages on a dot matrix.
- Link to the project: AIOT SMARTER ALEXA WITH CHATGPT

Intelligent Door Access System with Face Recognition and Voice Control

- The "Intelligent Door Access System with Facial Recognition and Voice Control" uses a camera and facial recognition algorithm to automatically recognize and identify people, allowing them access to a building or room.
- The system is integrated with Alexa, a voice-controlled virtual assistant, enabling the user to interact with the system using voice commands, providing an added layer of convenience and security.
- Link to the project: INTELLIGENT-DOOR-ACCESS-SYSTEM

Early Fire Prediction System Using Yolov5 and Arduino

- The project uses YOLOv5, an advanced object detection algorithm, to detect fires in real-time.
- When a fire is detected, the system alerts users using a combination of LED lights and a buzzer, providing early warning to prevent major damage and loss of life.
- Link to the project: FIRE-DETECTOR-USING-YOLOv5-AURDINO

Predicting the Position of Football Player Using Machine Learning

- The project aims to predict the position of football players using other features.
- The approach involves finding and comparing datasets, selecting the best algorithm, performing data preprocessing and feature engineering, fine-tuning the model, and making it deployment-ready with user-input provisions.
- Link to the project: FOOTBALL PLAYER PREDICTION SYSTEM

Document Classification System Using NLP

- The goal of the project is to classify documents into four categories: World, Sports, Business, and Sci/Tech. To achieve this, the project makes use of various machine learning models, ranging from Naïve Bayes to Convolutional Neural Networks (CNN) and RCNN, to compare their accuracy in classification.
- To create an accurate text classifier, the project also employs different feature engineering techniques and Natural Language Processing (NLP) features, such as tokenization, stemming, and part-of-speech tagging, among others.
- Link to the project: DOCUMENT-CLASSIFICATION-USING-NLP

PUBLICATIONS

Extracting Collocation from a Corpus Automatically and Evaluating the Association Measures:

Presented the paper at the Eighth International Conference on Computing, Communication, and Security (ICCCS 2023) organized by "Baba Farid College of Engineering and Technology, Bathinda, Punjab."

Employee Attrition Prediction Using Machine Learning Algorithms:

The literature review paper has been accepted for presentation at the IEEE International Conference on 4th International Conference on Advances in Computing, Communication Control and Networking (ICAC3N–22).