**Sanjay Balamurugan**

**PROFILE**

Results-driven, passionate Artificial Intelligence Student with an unbridled passion for Artificial intelligence with comprehensive knowledge of Machine Learning & Deep Learning Concepts and also having the ability to identify, understand and translate programming languages, which are Python, JavaScript, HTML, and MATLAB.

**EDUCATION**

* **B.Tech** **Computer Science and Engineering(Artificial Intelligence)**

**CGPA – 7.71 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 90% **2019**

Institution: Bharathi Mat High Sec School

* **Class 10** – 97.8% **2017**

Institution: Lisieux Mat High Sec School

**TECHNICAL INTERESTS**

Python

Machine & Deep Learning

Natural Language Processing Image and Signal Processing

Data Analysis

**PROJECTS**

**Sentiment Analysis & Emoji Prediction**

To perform sentiment analysis in twitter dataset using various DL and ML algorithms such as Glove, LSTM, Fast-text and KNN

**Facebook Data Analysis**

To Analyze and refabricate the Facebook Dataset which is implemented in Apache Spark & Scala

**Image Fusion Framework using Deep Learning**

The main objective of image fusion is to merge the noticeable features of multiple input images into one full-scale image.

**Multi-Fractal Approach in Speech Processing**

To find whether Phonetics Speech Sounds are Multifractal signals or not which is by using the approach, Multifractal Detrended Fluctuation Analysis (MFDFA)

**Data Analysis on New-York City Parking Violation issued**

To collect insights from the data of New York city parking violation tickets issued in the fiscal year 2016-2019 and we analyze the data using Spark SQL and Mongo DB and also done data visualization using python.

**INTERNSHIP**

**Intern Computational Linguist**, Pan lingua Language Processing LLP, Work from home

Working on Grammar Error Correction (based on NLP) on an Indian Language

**CERTIFICATIONS**

Machine Learning with Python [IBM]

Python for Data Science and Artificial Intelligence [IBM]

Data Science [IBM]