

# ABINESH SIVA MANIKANDAN J R

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## INTERNSHIP

- Junior Data Scientist Intern, DP Neurotech  
Mumbai, November 2020 – January 2021
- Machine Learning Intern, Indian Servers  
Telangana, Hyderabad.  
September 2020- January 2021

## SKILLS

- Machine Learning - Linear Regression, Logistic Regression, Random Forest, SVM, PCA, Hierarchical Clustering, K-means Clustering, Naive Bayes, XGBoost, Feature Selection, Feature Engineering
- Deep Learning – ANN, CNN, RNN, LSTM
- NLP – NLTK, Spacy, Tokenization, Lemmatization, Stemming, Semantics and Sentiment Analysis.
- Image Processing – OpenCV, Image Classification.
- Libraries – Numpy, Pandas, Matplotlib, Seaborn, Scikit-Learn, Pytorch, Tensorflow
- Tools – Python, Tableau, Hadoop, Spark, Data Structures and Algorithms, Data Analysis, Data Manipulation, EDA, SQL, MySQL, Excel, HTML, CSS, Bootstrap, Javascript .
- **SOFT SKILLS** - Good Team Player, Leadership Skills, Positive Attitude, Time Management, Self- Motivation, Eagerness to Learn something new

## PROJECTS

- Real time Human Counting and Detection with OpenCV.
- Face Detection and Happiness Detector with OpenCV and Object Detection with OpenCV and Pytorch
- Image Creation using GAN Neural Network with Pytorch, OpenCV.
- Predict Movie Box Office Collection and Prediction of Salary of a person in a Company with Linear Regression.
- Breast Cancer Prediction and Mobile Price Prediction using Logistic Regression.
- Heart Disease Prediction using SVM Algorithm and Amazon Best Selling Books Analysis.
- Email Spam Classification using Naive Bayes Algorithm.
- Diabetes Prediction and Loan Repayment Prediction using Random Forest Classifier and Decision Tree Algorithm.
- Vehicle Pricing Prediction using Gradient Boosting Algorithm.

## ACADEMIC PROJECT

- High Temperature MAX Phases using MS<sup>3</sup> Method  
**IIT MADRAS, Chennai**

## CERTIFICATIONS

- Deep Learning A-Z : Hands On Artificial Neural Networks (Udemy)
- Machine Learning A-Z : Hands On Python and R in Data Science (Udemy)
- Deep Learning and Computer Vision A-Z (Udemy)
- The Business Intelligence Analyst Course 2020 (Udemy)
- Ultimate Hands on Hadoop – Tame your Big Data (Udemy)
- Tableau 2020 : Hands on Training for Data Science (Udemy)

## EDUCATION

- UG – CERAMIC TECHNOLOGY  
(2016-2020) AC TECH , ANNA  
UNIVERSITY, CHENNAI

## ACTIVITIES

- Participant in Kaggle and Leetcode
- **SPORTS** – Badminton, Cricket and Carrom