

DHANUJ R

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Highly motivated and detail-oriented Computer science enthusiast with project experiences in Machine Learning, Data Analysis and Data Science. Seeking an opportunity to apply my technical skills and contribute to innovative projects while continuously learning and growing in the field of computer science. I also like working in collaborative teams with people with different thoughts and ideas so as to make the work more effective and creative.



EDUCATION

Vellore Institute of Technology

Bachelor's

Computer Science with specialization in Data Science

Vellore

07/2019 to 04/2023



WORK EXPERIENCE

Project Intern

01/2023 to 06/2023

Digitalsoft

Tamil Nadu

- Attended training to learn Software Development theory, techniques and coding best practices.
- Worked alongside team members and leaders to identify analytical requirements and collect information to meet customer and project demands.
- Presented information using Data Visualization techniques, proposing solutions and strategies through Machine Learning to drive business change and solve problems
- Skills: Software Development Life Cycle (SDLC) • Data Visualization • Machine Learning

Project Intern

01/2022 to 04/2022

Diginique TechLabs

Remote

- Trained in the field of Data Science, Machine Learning, and Artificial Intelligence and applied the learnt concepts in a real world project.
- Skills: Data Analysis • Artificial Intelligence (AI) • Data Visualization • Machine Learning • Data Science



SKILLS

Python | R Programming | MySQL - 3 years

Numpy | Pandas | Matplotlib | Seaborn | Keras | Tensorflow - 2 years

Data Analytics | Data Science - 2 years

Machine Learning | Deep Learning | Computer Vision | Artificial Intelligence - 2 years

C | C++ - 2 years

Java | Spring Boot | ReactJS - 1 year

MATLAB | Apache Superset | Tableau | PowerBI - 1 year

Problem Solving | Leadership | Team Management



ADDITIONAL INFORMATION

Comparing data accuracy using machine learning algorithms - Project

- Implemented a mix of machine learning algorithms such as Linear Regression , XGBoost and LSTM using performance metrics such as RMSE and MAPE values to predict the future stock price of a particular company.

Image Classification and Recognition - Project

- Developed a working model of image classification using the concepts of a Convolutional Neural Network (CNN) and provided a description about the contents in the image using Long Short Term Memory (LSTM) model.
- Created a python GUI interface using Tkinter to demonstrate the above model.

Customer Retention Modelling and Strategy In Telecommunication Domain - Project

- Developed a churn prediction model which assists telecommunication operators to predict the customers who are most likely subject to churn using machine learning algorithms such as Logistic Regression, Decision Tree, Random Forest and Gradient Boosted Machine Tree.
- Also drafted major strategies for minimizing the churn rate in Telecommunication Domain

Susceptibility Prediction Mapping - Ambient Air Pollution Prediction Maps - Project

- We had publicly available Beijing weather data from 2013 to 2017 and applied machine learning techniques such as Linear Regression, Decision Tree Regressor, Random Forest Regressor, and Gradient Boosting Regressor with RMSE as performance metrics to see if we can predict the amount of PM2.5 concentration in the air given other environmental features.

Ransomware Detection using Deep Neural Networks - Project

- Developed a model to identify and classify ransomware addresses amongst the different types of Bitcoin addresses from the dataset using algorithms like logistic regression, KNN, SVM, Decision Tree, Random Forest, Multi-layer perceptron and Gradient Boosting classifier.

Machine Learning using Python - Training Internship

Foxmula - The Smart Way

- Online program on machine Learning topics such as its algorithms, model evaluation as well as supervised vs unsupervised learning. I also learned the significance of the Machine Learning and its applicability in the real world.
- Skills: Data Analysis • Data Visualization • Machine Learning • Data Science • Python (Programming Language)

Data science and AI program - Training Internship

Learnbay | Data Science and AI

- Online training program on topics such as Deep Learning and NLP, SQL, Big Data and Computer Vision . Also, implemented many real world project in the above mentioned field.
- Skills: Git and GitHub • Statistics and Machine Learning • SQL and MongoDB • Tableau and PowerBI • Big Data Analytics • Business Analytics



CERTIFICATIONS / LICENSES

Microsoft Certified in Python Programming

11/2021 to 12/2021

Successfully completed the requirements to be recognized as Microsoft Technology Associate in Python Programming.

IBM Certified in Python for Data Science

06/2022 to 07/2022

Successfully completed and received a passing grade in Python 101 for Data Science provided by IBM.

Google Data Analytics Professional Certificate

Online non-credit course authorized by Google and offered through Coursera