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INTERNSHIP**:**

ABV-Indian Institute of Information Technology, Gwalior

Project Name: Image Noise Identification using Transfer Learning and its removal (Domain: Deep Learning)

Duration: 17th May 2019 – 17th July 2019

Description: Noise is any unwanted information added to the image when transmitted through any digital media. It is the result of errors in the image acquisition process. An automated technique for identification of noise is by detecting them using pre-trained models like VGG16, VGG19. We also use various architectures of CNN for noise identification from images and then apply de-noising filters on them.

Company Name: Electronics Corporation of India Limited (ECIL)

Project Name: Step by Step monitoring for product purchase system (Domain: Android App Development)

Duration: 5th May 2017- 5th July 2017

Description: During internship, we developed an android application for online product purchasing of the items specified by Admin. Users can place their orders for the products available in the store after a secure login. Orders details can be edited by Admin.

PROJECT**:**

Stock Market Prediction using NARIMA 2 months

Domain: Data Analytics and Neural Networks

Description: Predicted the stock values of the dataset from its previous stocks using Neural Networks and

ARIMA model in R language. Aim of this project was to minimize the error between actual stock values and predicted stock values.

Face Recognition using OpenCV 1 month

Domain: Image Processing

Description: Recognition of user face using real-time webcam is done using OpenCV libraries. Given an image or a video capture of a scene with one or more faces, detect and classify each face as one of the persons whose identity is already known (stored in a database) or as an unknown face.

Object Detection using TensorFlow 1 month

Domain: Image Processing

Description: Detection of object from the surroundings from the test images provided. Dataset consist of daily usable bottle images and result of this project was to classify the images into different classes like Tupperware, Pepsi.

EDUCATIONAL QUALIFICATION**:**

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| --- | --- | --- | --- |
| Name of Institute | Degree/Class | Year | Percentage/CGPA |
| Indian Institute of Information Technology, Pune | Bachelor of Technology  CSE | 2016-2020 | 8.12(till 6th semester) |

TECHNICAL PROFICIENCY**:**

Programming Languages: C, C++, Java, Python, R, Android.

Web based languages: HTML, CSS, JavaScript.

Database Management & SQL.

Machine Learning and Data Analytics in R.

LANGUAGES KNOWN**:**  English, Hindi and Telugu.

EXTRA CURRICULAR**:**

Member, Badminton Team, IIIT Pune.

Member, Cyber Security & Research Club (CSRC), IIIT Pune.

Member, Art & Craft Club, IIIT Pune.

HOBBIES**:** Collection of coins, Trekking and Playing Table Tennis.

Dhornala Bharadwaj