ANSHUL KUMAR

Undergrad at IIIT Allahabad

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PROJECTS

YOLOv3 Realtime Vehicle Accident Detection
Machine Learning , Python

📅 Mar 2021   📍 https://git.io/JctJl

- The objective was to detect a vehicle crash and provide instant help on the crash site by alarming the concerned authorities.
- Implementation of **YOLOv3** , which is a Realtime Object Detection Algorithm.
- Used Darknet-53 as our **Neural Network** to train the data.
- Achieved the highest accuracy of 82 percent.

Handwritten Text-Line Segmentation using CNN
Python, Tensorflow

📅 Jan-May 2020   📍

- We developed a Semantic Segmentation of handwritten text documents which provided text regions using deep learning techniques.
- Neural Pixel labeling with a modified **U-Net** Architecture was used for Classification of pixels.
- A bottom-up clustering algorithms was used to build the output segmented image and tested on a **cBAD** dataset.

Vanilla-JS Weather App (Personal Project)
HTML5, CSS, Javascript

📅 Dec 2020   📍 https://git.io/JYYGx

- Displays Realtime Weather Statistics
- Returns the weather stats of locations queried, by using **Open Weather Map API**
- Deployment done on Netlify

Text Encryptor in C++
C++

📅 Mar 2018   📍 https://git.io/JctJ7

- CLI program which encrypts the provided string , which can be decrypted later based upon the same algorithm.
- Implementation of **Caesar Cipher Encryption** technique

LANGUAGES

C/C++   ●●●●○

Java   ●●●○○

Python   ●●○○○

SKILLS

Data Structure & Algorithms   DBMS   Object Oriented Programming   linux

HTML   CSS   Bootstrap

Problem-Solving   Teamwork   Communication

CODING PROFILES

- Solved over 300+ **Data Structures** and **Algorithmic** Problems on various coding platforms
- Leetcode : https://leetcode.com/techcursed/
- Geeksforgeeks : shorturl.at/lyOW6

RESPONSIBILITIES

Hospitality & Travels
Effervescence, IIIT Allahabad

- Have been a part of H/T team at Annual Cultural Fest of IIIT Allahabad

Virtuosi (Music Society)
IIIT Allahabad

- Served as a guitarist in various music events.

EDUCATION

B.Tech IT (Dual Degree)
Indian Institute of Information Technology, Allahabad

📅 2017 – 2022   📍 Allahabad

- CGPA : 6.2

Senior Secondary
St.Mary Inter College

📅 2015 – 2016   📍 Lucknow

- Percentage : 69

Secondary
Bright Way Inter College

📅 2013 – 2014   📍 Lucknow

- CGPA : 7.2