

ISHANT KUKRETI

+91-9557401668 ishantkukreti2000@gmail.com LinkedIn Github

Education

Graphic Era Hill University

Computer Science Engineering with specialization in Machine learning **SGPA: 8.7**

Dehradun, India

June. 2019 – June. 2023

Army public School

Intermediate board (CBSE) - **Percentage:89.4**

Dehradun, India

April. 2016 – April. 2018

Experience

iNeuron

June 2021 - August 2021

Machine Learning Engineer

Remote, India

- Developed a deep learning model for a mobile application for locating potholes from image and video data.
- Labeling scraped 3000+ images, Took pictures and videos of streets, stored the GPS coordinates, and displayed them on Google Maps.

Projects

Disease Prediction App | Python, ReactJs, Flask, Firebase

January 2022

- Developed an app that recommends the medical test for diseases(42) symptoms selected by the user.
- Build Dataset having 140+ unique symptoms by scraping data from different medical sites.
- Random Forest Model with an accuracy of **90%**. Firebase **Google Authentication** for Login.

Video-Surveillance App | Tensorflow2 API, Open CV, Tkinter

June 2021

- Build a surveillance app that helps monitor and analyze live or stored video to detect suspicious activity.
- TF2 object detection API (**SSD Mobile-Net**) to detect **Knives/Guns** from video with **65%** accuracy.
- Used Open CV for image and video processing. **Tkinter** GUI dashboard to monitor video feed.

Covid19-Live | Flutter, Flask

January 2021

- Build a **Web Scraping Mobile App** using Flutter that displays Covid-related data (cases, deaths, etc).
- BeautifulSoup4 for scraping live data, Flask API to access the scrapped data into our mobile application.

Emotion Bot | Python, Fast-Ai

October 2020

- Build an Emotion detection bot that runs on telegram and detects 4 different facial emotions from images.
- Deep-learning Model using **FastAi** library with **70%** accuracy on the training data.
- Used **Telegram-ext** for creating a telegram bot and OpenCV to fetch image data.

Technical Skills

Languages: Python, C/C++, Java, HTML/CSS, JavaScript

Technologies/Framework: ReactJs, Bootstrap, Flutter, WordPress, Linux

Libraries: Pandas, Numpy, OpenCV, Sklearn, TensorFlow, Pytorch

Extracurricular And Certificates

- **3-D model** build using Blender. Participate in **Supercell Make** to make 3-d skins for a game character.
- **Competitive Coding : Leetcode** rating 1800+, HackerRank 5*, Codechef 3*
- **Certificates:** DeepLearning.AI TensorFlow Developer, DeepLearning Specializations, Microsoft AI-900
- Photograph and video editing and make clips of streamers for Reddit pages.