

MANEESH KUMAR SINHA

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mk-sinha

KUMAR-MANISH04

EXPERIENCE

Technical Content Writer | GeekForGeeks

(Internship)

January 2023 - Present

Work From Home

- Contributing **Technical blogs/articles** to help those who are in the **Computer Science Field**.

SKILLS

- Programming** : C++, Python, Data Structures, Java
- Frameworks** : Android, OpenCV
- Databases** : MySQL, SQLite
- Operating Systems** : Windows, Linux, ios
- Tools** : Git, Google Firebase, MS project

PROJECTS

Notes Application

Kotlin, Firebase, Room DataBase

(09/2022 - 10/2022)

- Android Application** which is a mini version of a Dear Diary App.
- Capable of taking input in the form of **text or audio** and can even store a single image for each note.
- An option of **to-do list** is also available in the application.
- Concepts of **fragments, Activities and Room Database** was tested.
- E-Mail Authentication** using Google Firebase.

Face Expression Recognition

Python, Convolution Neural Network

(06/2022 - 07/2022)

- Model** that can easily classify human emotions into **7 categories**.
- Worked on **data preprocessing** and **model improvisation**.
- Our System achieved **66.77 percent accuracy** and **0.67 precision** on testing dataset.

Real-time Face Mask Detection

OpenCV, TensorFlow, Python, Deep Learning

(03/2022 - 05/2022)

- Developed a face mask detection system using **deep learning techniques** and **OpenCV library**. Implemented a **CNN model** to recognize the presence of a mask on a face in **real-time video feeds**.
- Worked on **data preprocessing and augmentation techniques** to improve the performance of the model.
- Utilized **TensorFlow and Keras frameworks** to train and evaluate the model.
- Achieved an **accuracy of 92 percent** in detecting face masks in **real-time video streams**.

EDUCATION

B.Tech, Computer Science and Engineering

LPU Jalandhar

August 2019 - Present

Intermediate, CBSE Board

Sri Chaitannya, Vizag

August 2017 - August 2019

Matriculation, ICSE Board

St. Xavier's, Jamshedpur

March 2010 - May 2017

CERTIFICATIONS

- Machine Learning With Python**
IBM Skills Network (Dec 2022 - Jan 2023)
- Data Structures and Algorithms**
GeeksforGeeks (January 2022 - June 2022)
- Python for Everybody**
Coursera (June 2020 - August 2020)
- Android app development**
Udemy (March 2021 - July 2021)
- Waste management**
Coursera (October 2020 - November 2020)

ACHIEVEMENTS

- 4 Star Problem Solving HackerRank**
- 340+ Questions on StopStalk**
includes CodeChef, CodeForces, HackerEarth
- 5 star in C++ HackerRank**
- 150+ Questions on Leetcode**

EXTRA CURRICULAR

- Competitive Coding** : participated in Google HashCode, GSoC
- Volunteer at LPU-NSS**
- Participated and Hosted events such as Blood Donation Camp, Pulse Polio Camp and cleanliness drives.
- Volunteered at Tech Fests, Cancer Awareness Session, Drug Awareness Rally etc.
- Peer Tutor for the ICSE boards student's.

HOBBIES

- Games and Sports (Competitive Events)
- Digital Art (Illustrations and Blending)
- Photography (Nature Photography)
- Editing (Photos and videos)
- Net Surfing (Love to discover new websites)