JATIN ARORA

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ADDRESS

House No E-28, Neel-Nagar, Nilokheri, Karnal, Haryana - 132117

ALTERNATE CONTACT

+91 7015589400

SKILLS

Operating System - Windows, Linux, Mac OS
IDE - Sublime Text, Visual Studio Code
Programming Languages - C, C++, Python
Others - Machine Learning, Deep Learning, Computer Vision, Natural Language Processing, Data Structures, Algorithm

SOCIAL PROFILES

LinkedIn - jatin-a-5a3286137
Github - jatinarora1
Portfolio - jatinarora

ACADEMIC DETAILS

S.D.M.N. Vidya Mandir
X | 2015
CGPA -10,

S.D.M.N. Vidya Mandir
XII | 2017
Marks - 94.6%,

J.C. Bose University of Science and Technology, YMCA
B.Tech Computer Engineering | 2021
CGPA - 9.01

SUMMARY

An excellent academic record, ability to understand and test software, working knowledge in Machine Learning, and a strong understanding of core internet technologies. I seek to work as a Software Developer Engineer to further my knowledge in the IT domain and utilize my skills.

PROJECTS

Theft-Detection using Machine Learning Click Here

- Surveillance System - which can detect five things.
- Helps in detecting suspicious activity.
- The five features this system extract from the real-time video are mentioned below: Motion Detection, Facial Expression(if a person is not wearing a mask), Mask Detection. Weapon Detection, It generates the caption of the activity that happened in the specific frame.
- Using these five features a machine learning model is trained which describes the type of activity that happened or going to have happened.

Generate-Caption Click Here

- This project is based on the game "PICTIONARY".
- Likewise, done the same with a machine using Machine Learning Techniques.
- The project is based on deep learning which is divided into two parts: Computer Vision, Natural language processing. The neural network used resembles ResNet50.

Face Mask Detector - Covid19 Click Here

- In this project the face mask is detected i.e. a person is wearing a mask or not.
- If a person is not wearing mask then that person will not be allowed and if person is wearing mask then and only then person is allowed to enter the room.
- This is done using Computer Vision, Deep Learning.
- The weights of ResNet50 are used and final model is trained using transfer learning.

ACHIEVEMENTS

- Bagged First Position in Std X.
- Bagged First Position in Std XI.
- Awarded Dean Merit Scholarship in Semester I.