AMAN KUMAR MALLIK

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🔗 https://github.com/Octaves0911   📍 Bangalore, India

EDUCATION

Bachelor of Engineering
Dayananda Sagar College of Engineering
📅 July 2018 – Present   📍 Bangalore, India
Information Science CGPA: 8.97

XI-XII (Senior Secondary)
Delhi Public School, Nigahi
📅 March 2016 - March 2018   📍 Singrauli, India
Percentage: 86.8

EXPERIENCE

Lumachain
Computer Vision and Machine Learning Intern
📅 March 2021 - Present

Working on projects that involve mainly object detection, camera calibration, tracking, action detection, anomaly detection, and various image preprocessing methods

birupakshyamahapatra.com
Computer Vision Engineer Intern
📅 October 2020 - November 2020

Worked on the implementation of deep learning applications on web browser using various machine learning libraries.

Technocolabs
Computer Vision Engineer Intern
📅 September 2020 - October 2020

Worked on a project for detecting real time whole body pose in wild using landmark detection and pose estimation.

Smartbridge Pvt. Ltd
Data Science Intern
📅 July 2019 - August 2019

Built a predictive model which involved data pre-processing and data wrangling using Python and IBM Watson Studio.

Towards Data Science
Technical Writer
📅 November 2020 - Present

Propose up-to-date content focused on data science, machine learning, artificial intelligence and programming.

SKILLS

- Python   SQL   C++   JavaScript
- TensorFlow   Node.js   TensorFlow.js   OpenCv.js
  Keras   Pytorch   OpenCv   Docker   Blockchain

PROJECTS

Remote Basic Health Checkup - *Ongoing*
- Robotic limb to replicate hand movement
- Perform basic health checkup precisely

Infants Face Verification - *Ongoing*
- Match the faces of new born babies
- Used Dual-Stream CNN with OCLBCP

SeeVid - Github Link
- Provides the timestamps of the content (provided as keyword) in the video
- Recognizes the text in the video

VOLUNTEER EXPERIENCE

Student Coordinator - DSCE Insignia 2019
DSCE Insignia is an annual Inter-college Technical Fest Organised by DSCE.

Student Coordinator - AMCES-2020
The International Conference on AMCES organised by DSCE on 17 and 18 Jan 2020.

Student Coordinator - DSCE AIKYA
DSCE AIKYA aims at transforming young individuals into socially conscious leaders.

ACHIEVEMENTS

- **Nominated** for **IISc.** and **ICMR** funded projects
- **India Finalist** Microsoft Imagine Cup 2021
- **4 stars** in problem solving **Hakerrank**
- Has successfully received the **Certificate** in **Problem Solving** in **Hakerrank**
- Has successfully received the **Certificate** in **Python Programming** by **Microsoft Technical Association(MTA)**

LINKS

- Kaggle
- Hackerrank
- Neural Style Transfer Using PyTorch
- Depth Perception in Computer Vision
- Face Recognition with Javascript