Sayan Sinha

Student - CSE (2018-2022)

I am an Artificial Intelligence enthuciastic, who found his true passion in programming. Being curious on how these models work, i started teaching myself and moving on to various workshops and trainings. Finally, i hold to a stage where i can develop and deploy , State of Art models for the development of society.

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○ github.com/sayansinha2019

EDUCATION

Graduation
IPS College of Technology and Management

05/2018 - Present   *Gwalior*

Courses
- Computer Science and Engineering

WORK EXPERIENCE

Computer Vision and Data Intern
Wobot Intelligence

10/2020 - 12/2021

Achievements/Tasks
- I was involved in developing python script for data pre-processing , cleaning and annotation validation.
- I got to prepare python script to execute the deep learning models in a dynamic way.

Computer Vision Intern
Pnaia Technologies

09/2020 - 11/2020   *Bengaluru, Karnataka*

Achievements/Tasks
- I was assigned here in researching, building & fine-tuning ML/DL modules, specifically in Computer Vision space

AI/Ml Software Intern
GMAC Intelligence

07/2020 - 08/2020   *Bengaluru,Karnataka*

Achievements/Tasks
- I was assigned a complete development and deployment of a State of Art Computer Vision model to detect and classify wether people are wearing mask or not in an Android app.

Contact: Amit Mate - 9538319685

Machine Learning Intern
Astute Resolutions

05/2020 - 07/2020   *Delhi*

Achievements/Tasks
- I was assigned to prepare Face Recognition android app and web system which could detect wether a person is wearing mask and maintaining social distancing or not in real time using CCTV feed.

Contact: Mudit Rastogi - 8826383466

ML/DL Software Developer Intern
iNeuron.ai

04/2020 - 07/2020   *Bengaluru,Karnataka*

Achievements/Tasks
- II was assigned as a team member for the development of computer vision models a well as optimization of machine learning models and their deployment over AWS/GCP.

SKILLS

`OpenVino` `Dockers` `Android` `Machine Learning`
`Deep Learning` `NLP` `Problem Solving` `Python`
`c++` `TensorRT` `Pytorch` `GCP/AWS`

PERSONAL PROJECTS

Covid-19 Identification using X-ray Imaging (01/2021 - 02/2021)
- In this project, i pushed over 2000 images of covid-19 Xray images and normal images for image processing using deep learning CNN model and then passing the values to an images classifer for identification.

Mask Detection and Social Distancing Android App (07/2020 - 06/2020)
- This State of Art Android application detects wether a person is wearing a mask or not as well as they are maintaing social distancing or not.

AI Attendence System (05/2020 - 06/2020)
- This system is an occupance of multiple modules . Its has a bar-code scanner (In situations like COVID-19,where face cannot be recognized due to mask) , Face - recognition (A state of Art DL module to recognize a person/student/employee) and a custom UI which can train the model with new faces at the very instant, register a new user and many other features.

CERTIFICATES

Deep Learning Masters(iNeuron.ai) (03/2020 - Present)

Data Pipelines and Deployment (Coursera) (03/2020 - 06/2020)

Machine Learning with Data Science (Techinest) (06/2019 - 07/2019)

Machine Learning Masters (iNeuron.ai) (03/2019 - 07/2019)

Data Science And Mining (IIT Delhi) (02/2019 - 03/2020)

LANGUAGES

English
Full Professional Proficiency

Bengali
Native or Bilingual Proficiency

Hindi
Full Professional Proficiency

INTERESTS

`Batminton` `Online Gaming` `Travelling`