PRADUM KUMAR DUBEY

B.Tech. - Computer Science & Engineering

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BRIEF OVERVIEW / CAREER OBJECTIVE / SUMMARY

To work for an origination that provides me opportunity to improve my skills and knowledge to grow along with the organization's objective.

KEY EXPERTISE / SKILLS

Python | HTML5 | CSS | Javascript | SQL | MongoDB | NodeJS | ReactJS | Express.js | Bootstrap

EDUCATION

MIT ADT - School of Engineering 2018 - 2022

B.Tech. - Computer Science & Engineering | CGPA: **6.89** / **10.00**

St. Marys, Bhadohi 2017

12th | CISCE | Percentage: **83.20** / **100.00**

St. Marys, Bhadohi 2015

10th | CISCE | Percentage: **75.33** / **100.00**

INTERNSHIPS

Verzeo April 1, 2021 - May 31, 2021

Machine Learning

Key Skills: Pandas | NumPy | liberarys | Supervised learning | Unsupervised Learning | ML models

we learned how to clean data and about all instruments used to cleaning.

PROJECTS

Housing Price Prediction via Improved Machine Learning Techniques March 1, 2021 - May 15, 2021

Mentor: Nilesh Marathe | **Team Size:** 4

Key Skills: Data mining | Machine Learning | house price forecasting | linear regression | real estate.

The goal of this project is to predict the efficient house pricing for real estate customers concerning their budgets and priorities. By understanding and analyzing other market trends and
prices, and also upcoming changes in the development future prices can be predicted. The functioning of this project involves the customer's specifications and then combines the application of multiple linear regression algorithm of data mining. This application helps customers to invest in an estate without approaching an agent. It also decreases the risk
involved in the transaction.
For housing price prediction we have use machine learning and linear regression method.
House price prediction helps the developer determine the selling price of a house and helps the customer to arrange the right time to purchase a house with respect to three factors that influence the price of a house which include physical conditions, concept and location.

Face Mask Detection and Social Distancing Monitoring Oct. 15, 2020 - Jan. 30, 2021

Mentor: Reena Pagare | **Team Size:** 3

Key Skills: python | OpenCV | YOLO (CNN) | Deep Learning | Computer Vision | AI | MobileNet

This project is about development of a generic Deep Neural Network-Based model for mask detection, tracking using cameras and also we developed second application for social distancing monitoring application with the help of Python combined with
deep learning and computer vision to monitor social distancing and detect face masks.

In this project, we have implement two applications – 1. Face Mask Detection 2. Social Distancing Monitoring. For face mask detection, we have trained face mask detector model with available datasets and have created our deep learning based model and then tested the results in a real-time webcam. For social distancing monitoring, we have applied object detection (for person class) to detect all people and then we applied distancing measures (N pixels). now we can monitor distance between people.
Our research Paper can be accessed from
https://doi.org/10.22214/ijraset.2021.32823

PUBLICATIONS / RESEARCH / WHITE PAPERS

Face Mask Detection and Social Distancing Monitoring

Jan. 2021

International Journal for Research in Applied Science & Engineering Technology (IJRASET) | **Mentor:** Reena Pagare |

No. of Authors: 3

Key Skills: python OpenCV YOLO (CNN) : deep learning computer vision AI MobileNet

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WEB LINKS / IMs

- WhatsApp - 8318661938
- Github - https://github.com/AKASHPRADUM
- LinkedIn - https://linkedin.com/in/pradum-dubey-55009a1ba

PERSONAL DETAILS

Gender: Male
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