DRISHTIAGARWAL

Computer Science Engineer

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in drishti-agarwal ⬡ drishti-agarwal https://bit.ly/35iaioo

SKILLS

Machine Learning | Data Science
Natural Language Processing
Docker | Flutter | Internet of Things
GNU Octave | Arduino | C/C++
Python | Data Structures

INTERESTS

Computer Vision | Neural Networks
Flutter

LANGUAGES

Hindi: Native

English: Native

ACHIEVEMENTS

🏆 **ACM's Project Showdown 2020**
Secured 3rd position

ABOUT ME

Currently pursuing my Bachelors of Technology in Computer Science and Engineering domain. I am a hardworking and an enthusiastic student demonstrating strong work ethics. I have a keen interest in acquiring new skills and would like to work in the welfare of our society. I pride myself on being detail-oriented, analytical, and driven.

EXPERIENCE

Research Intern | University of padua

📅 September 2020 – december 2020 📍 Padua, Italy (virtual)

- Worked as a research intern in the field of game theory and its application in the communication networks, wireless transmission or security or IoT.

Intern | ICT Academy-IITk

📅 May 2020 – June 2020 📍 Kanpur, India (Virtual)

- Worked as an intern and dwelled deep into the concepts of Machine Learning by working on real-life problems and developed efficient solutions for them as a data scientist.

Intern | Codec Networks Pvt,Ltd

📅 May 2019 – July 2019 📍 New Delhi, India

- Worked under software developers and IT professionals and developed real-life working projects. Also developed a fully functional school database management software with the acquired skills.

EDUCATION

B.Tech (Hons.) | Bharti Vidyapeeth's College of Engineering

📅 August 2018 – August 2022 📍 New Delhi, India

- Course: Computer Science
- GPA: 8.53

Senior Secondary (XII) | Sri Venkateshwar International School

📅 2016 – 2018 📍 New Delhi, India

- Course: Science
- Percentage (CBSE Board): 94.25

PROJECTS

School-Database-Software |

📅 May 2019 – May 2019

- A software capable of registering and storing information about new students and viewing data of existing students.
- Software's Front-end was developed with Tkinter Library

Self-Balancing-Bot |

📅 October 2019 – February 2020

- Participated in E-yantra 19-20 and successfully worked and on the theme Biped Patrol which aimed at developing Self-balancing Bot.
- The project is based on the concepts of IoT and control System with utilisation of Simulation softwares like Octave.

NOvid-20 |

📅 April 2020 – April 2020

- An amazing PWA which is a solution to foretell the likelihood of being in the vicinity of COVID-19 and has the following features-Prediction model Interactive Chatbot
- The project is build on a Machine learning model which predicts the possibility of infection through symptoms of the users.

$Mushroom_{Toxicity_Analysis}$|

📅 June 2020 – June 2020

- A fully functional web-based application to predict the edibility of mushroom based on its feature value.
- Shows effective graphs and charts to represent the effective analysis of dataset.

NYC-motor-vehicle-collisions |

📅 August 2020 – August 2020

- The project aims at providing you with an insight about new york's traffic and the motor vehicle collision accidents through a map overview and plotly graphs.
- Effective use of data visualisation techniques can be seen in this project.

Twitter Sentimental Analysis

📅 January 2021 – Present

- This project utilises the concepts of Natural Language Processing to analyze the sentiment of twitter tweets.

RESEARCH PAPERS

Machine Learning Classification | 🔗 @xspace@end

📅 May 2020 – May 2020

- Successfully presented a research paper with my team based on the Machine Learning classification Algorithm in a conference organized by the Department of Computer Science and Engineering, USICT, Gautam Buddha University.

Application of Robotics in Digital Farming | 🔗 @xspace@end

📅 March 2021 – March 2021

- Successfully presented a research paper with my team based on the Application of Internet of Things in the field of digital farming in 2nd Doctoral Symposium on Computational Intelligence (DoSCI-2021)-An International Conference organized by Institute of Engineering and Technology, a constituent college of Dr APJ Abdul Kalam Technical University Lucknow, India.