Abneesh Kumar

Student

A positive, bold, and confident Computer engineering student flexible to work around any tech stack with great real-life problem-solving skills. Proficient in coding.

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Army institute of technology, Pune, India

multiple-disease-prediction-app.onrender.com

github.com/1Abneesh

EDUCATION

B.E in Computer Engineering
Army Institute of Technology
09/2020 - Present   *9.45*

12th Boards
Army Public School, Lucknow
03/2018 - 05/2019   *90.6%*

10th Boards
Army Public School, Lucknow
03/2016 - 05/2017   *10 CGPA*

PERSONAL PROJECTS

Multiple disease prediction system (09/2022 - Present)
- A Machine learning based app to detect multiple diseases. This app is developed on streamlit. This app uses various machine learning and deep learning algorithms to detect diseases accurately.
- link - https://multiple-disease-prediction-app.onrender.com
- github.com/1Abneesh/Multiple_Disease_prediction_app

SONAR Rock vs Mine Prediction (08/2022 - 09/2022)
- A machine learning project to detect whether an object is either Rock or Mine with SONAR Data. For this use case, I am using the Logistic Regression Model for prediction.
- https://github.com/1Abneesh/SONAR-Rock-vs-Mine-Prediction

Object tracking (09/2021 - 12/2021)
- Object tracking is a computer vision task that refers to the process of finding and tracking the position of a predefined object that is moving in the frames of a video.
- Videos can be treated as a stack of pictures called frames. Here we are comparing different frames(pictures) to the first frame which should be static (No movements initially).
- We compare two images by comparing the intensity value of each pixel. The differences found in the two frames help us to find the movement of specific portions in video.
- link - https://github.com/1Abneesh/Object-tracking.git

Steganography (06/2021 - 08/2021)
- Steganography is hiding (embedding) data (file) in an image using techniques that ensure that the image doesn't get corrupted.
- In this project I have used LSB Steganography. LSB Steganography is an image steganography technique in which messages are hidden inside an image by replacing each pixel's least significant bit with the bits of the message to be hidden.
- Since I had used LSB of an image there is not much difference after embedding it with secret message.
- link - https://github.com/1Abneesh/Steganography.git

SKILLS

C++ Python Data Structure and algorithms
AI/ML Competitive Programming HTML
MySQL MongoDB Streamlit

ACHIEVEMENTS

AWS Student DeepRacer (07/2022 - Present)
Securing Top 30 position in semifinals

IICC (Innovate India coding championship) (03/2022 - 06/2022)
Securing 957 rank in which more than 200000+ student participate.

Udchalo scholarship (2021 - 2022)
scholarship for Exemplary academic and all-round performance in first year of engineering.

Three stars in codechef (08/2021 - Present)

CERTIFICATES

C++ complete course by Edcorner Learning (udemy) (08/2022 - 10/2022)

Project Lifecycle Management workshop by Copper Cloud IOtech pvt. Ltd (09/2021 - 09/2021)
Learned about how large project are made in I.T industries.

Cloud Computing by Idani Gabrieli (udemy) (05/2021 - 05/2021)
Learned basic of cloud computing.

LANGUAGES

C++
Full Professional Proficiency

Python
Full Professional Proficiency

HTML+CSS
Limited Working Proficiency

JavaScript
Limited Working Proficiency

Java
Elementary Proficiency

INTERESTS

Competitive Programming Software Development
AI and ML Web development
Blockchain Technology