

## AYUSH MATHUR

B.Tech. (Pursuing)

Computer Science and Engineering

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## CAREER OBJECTIVE

To showcase my python and data science skills in a recognized company, to get myself better in the field of Machine Learning and also learn about new technologies and make new connections.

## ACADEMIC CREDENTIALS

Degree/Class	Name of the Institution	University/Board	Percentage/CGPA	Year
Bachelor of Technology	Jodhpur Institute of Engineering and Technology, Jodhpur	Bikaner Technical University	74.4% (Till 4 <sup>th</sup> Semester)	2018-2022
Senior Secondary	Central Academy School, Jodhpur	Central Board of Secondary Education	67%	2018
Secondary	Central Academy School, Jodhpur	Central Board of Secondary Education	8.4 CGPA	2016

## INTERNSHIP/INDUSTRIAL TRAINING

### • Inmovidu Tech. :

Domain : Machine Learning with Python

Duration : 45 days (May 1<sup>st</sup>, 2020 – June 15<sup>th</sup>, 2020)

Description : Our objective was to find the best model for **Titanic dataset**. We learnt basics of python programming language and concepts of Machine Learning.

### • SmartKnower Tech. :

Domain : Artificial Intelligence

Duration : 45 days (Feb 25<sup>th</sup>, 2021 – April 1<sup>st</sup>, 2021)

Description : Learnt basis of Deep Learning, ANN, CNN and also OCR and Face Recognition.

### • CipherSchools Tech. :

Domain : Deep Learning

Duration : 45 days()

Description : Learnt concepts of ANN, CNN, RNN, YOLO Algorithm, OpenCV.

## PROJECTS

- Title : Best Model for Adult Income and Titanic dataset.  
Year : 2020  
Using Concepts of Machine Learning in python and applying all the Machine Learning Algorithms to find out the most accurate model for the given dataset.  
[https://github.com/ayush532000/CIPHERSCHOOLS\\_Assignment/tree/master/Assignment\\_5](https://github.com/ayush532000/CIPHERSCHOOLS_Assignment/tree/master/Assignment_5)
- Title : Digit Recognizer.  
Year : 2021  
With the use of Artificial Neural Network I made a web app that predicts hand-written digit. The app was built using Streamlit and MNIST dataset.  
<https://github.com/ayush532000/Digit-Recognizer>
- Title : Image Classifier.  
Year : 2021  
With the use of Convolutional Neural Network I deployed a web app on Heroku that predicts top 3 class of an image. The app was built using Streamlit and MobileNetV2.  
<https://github.com/ayush532000/mobilenet-tl>
- Title : Body Language Detector.  
Year : 2021  
Using OpenCV, Mediapipe and Custom Machine Learning models in python I developed a body language detector that detects a person's sentiment in real time.  
<https://github.com/ayush532000/Body-Language-Detector>
- Title : Gesture Controlled Camera.  
Year : 2021  
Used OpenCV and face-smile detection HaarCascade file. Codes enables the webcam and will click a selfie when you smile. Also if you show 4/5 fingers to the camera it will start shooting a video, to terminate do the same.  
<https://github.com/ayush532000/DL2-T8-Projects>

## KEY COMPONENTS

Technical Skills :

- Python
- C
- C++.

Soft Skills :

- Typing Skills.
- Leadership Skills.
- Motivation Skills.

## WORKSHOPS/SEMINARS

- Participated in a two day Ethical Hacking Workshop.
- Participated in a three day Android App Development Workshop.

## **ACCOMPLISHMENTS**

- Secured 2<sup>nd</sup> position on Hack Day (Hackathon).
- Scoring 100% points and getting a 5 stars on my Certificate of Eminence in the domain Machine Learning conducted by CipherSchools.
- Gold Batch in the programming language python on HackerRank.

## **EXTRA-CURRICULAR ACTIVITIES**

- Second Position in Group Dance Competition at “Freshers Party”, conducted by JIET Group of Institution.
- A Silver and a Bronze medallist in Maths Olympiad in 10<sup>th</sup> Grade.

## **PERSONAL DETAILS**

Date of birth : March 5,2000

Permanent Address : 25/D-14 Chopasni Housing Board, Near Indigo Public School, Jodhpur

Interest : Programming, Dancing, Beat-Boxing, Gaming.

**Date : July 18<sup>th</sup> ,2021**

**Place : Jodhpur**