



## AKASH VERMA

Course : B.Tech, Computer Science and Engineering, 2021

Email : akashpool103@gmail.com

Mobile : 7982140924

PERCENT: 74.4



ACADEMIC DETAILS				
COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	Hope Hall Foundation School,R.K puram	CBSE	70 %	2016
CLASS X	Army Public School,Shillong	CBSE	81.7 %	2014
<b>Subjects / Electives</b>	Data Structures and Algorithms, Operating System, python, Machine Learning, DBMS			
<b>Technical Proficiency</b>	Machine Learning, Python, JavaScript, Data Structures			

PROJECTS	
<b>Covid-19 Detecting Model - Machine Learning</b> Here i have made a model in Machine Learning using CNN(convolutional neural network) . In this project i have trained the model such that just by providing the chest X-ray mage,we can get the prediction as covid positive or negative. link to github: <a href="https://github.com/akashvermaprojects/Covid19Detector">https://github.com/akashvermaprojects/Covid19Detector</a>	May 2020 - May 2020
<b>Research Paper (Convolutional neural networks) -UGC approved - Machine Learning</b> Research done on convolutional neural networks and healthcare appplication of Neural Networks in covid cases. Link to journal: <a href="http://www.alochanachakra.in/gallery/167-acj-august-2658.pdf">http://www.alochanachakra.in/gallery/167-acj-august-2658.pdf</a>	Jul 2020 - Present
<b>Virtual Painting - python &amp; ML</b> This is a very exciting project in which we can virtually do drawing in front of screen by waving any color pen or marker in hand, and the same color marker we hold will be displayed on screen while drawing. link to github: <a href="https://github.com/akashvermaprojects/virtual-painting">https://github.com/akashvermaprojects/virtual-painting</a>	Apr 2020 - Apr 2020
<b>Malaria Detection model - Machine Learning</b> developed a malaria detecting model using neural networks, here we can get the malaria positive or negative label by providing cell image. link to github: <a href="https://github.com/akashvermaprojects/Malaria_Detection">https://github.com/akashvermaprojects/Malaria_Detection</a>	Apr 2020 - May 2020
<b>Emoji prediction for provided sentence - Machine Learning</b> Here i have used RNN(Recurrent Neural Networks) and LSTM(Long Short Term Memory) to make a model that will predict the best matching emoji for our sentence and will go through in which context are we writing. link to github: <a href="https://github.com/akashvermaprojects/Emoji_Prediction">https://github.com/akashvermaprojects/Emoji_Prediction</a>	May 2020 - Jun 2020
<b>Movie reviews Classifier - Machine Learning</b> Developed a ML model which will classify the movie review as positive and negative based on the previous reviews on which it has been trained. The main concept used in this model is probability distribution. link to github: <a href="https://github.com/akashvermaprojects/MovieReviewSystem">https://github.com/akashvermaprojects/MovieReviewSystem</a> .	Mar 2020 - Mar 2020
<b>Face Recognition - machine learning</b> Here i present face recognition model using KNN (K-Nearest Neighbour) in Machine Learning. link to github: <a href="https://github.com/akashvermaprojects/Face_recognition/tree/master/face_recognition">https://github.com/akashvermaprojects/Face_recognition/tree/master/face_recognition</a>	Mar 2020 - Mar 2020
<b>Apna Time Ayega "Lyrics Generator" - machine learning</b> developed a lyrics generating model using Markov Chain for the song "APNA TIME AYEGA!" link to github: <a href="https://github.com/akashvermaprojects/ApnaTimeAyega">https://github.com/akashvermaprojects/ApnaTimeAyega</a>	May 2020 - Jun 2020
<b>Third Umpire IPL Screen - python</b> Here i have made made this screen using Tkinter library, in this we can sponsor advertisements in between matches and also give our and not out decision by having look at fast forward and back options. link to github: <a href="https://github.com/akashvermaprojects/ThirdUmpireScreen">https://github.com/akashvermaprojects/ThirdUmpireScreen</a>	Mar 2020 - Mar 2020

SUMMER INTERNSHIP / WORK EXPERIENCE	
<b>Data Analyst, ITOctane</b> During this period of time i had got good command on data analytics as well as machine learning libraries. Also i had made few attractive projects under the guidance of my mentor.	May 2020 - Aug 2020

Overall it was a good experience !		
CERTIFICATIONS		
CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
Machine Learning	Coding Blocks	i have done this <b>classroom course</b> from Coding blocks,Dwarka. the starting date of course was 18th August 2019 and lasted for 3 months.
Python	Aptech	Completed 2 months python <b>classroom course</b> from Aptech Institute.
DataStructures and Algorithms	Coding Blocks	I have completed <b>classroom course</b> of Data Structures & Algorithm in c++ from Coding Blocks, Dwarka . The course started on 18th August,2019 and lasted for 3 months.
COMPETITIONS		
Code Debugging		Apr, 2019
The competition was organised by Manav Rachna International University under INNOSKILLS,2019 and i ranked " <b>First position</b> " in this competition		
IBM poster making competition		Oct, 2018
Secured Runner up position in "poster Making Competition" organized by IBM on IBM ICE DAY.		
TEST SCORES		
TEST NAME	DATE OF EXAM	SCORE
Cocubes Exam	Aug 3, 2020	Score:508/800
EXTRA CURRICULAR ACTIVITIES		
Reading Books and gymnasium Reading Books and producing innovative ideas to work on for real world and working on those ideas.		
Vintage Currency collections I like collecting vintage coins from childhood and have vintage coins of almost every countries.		
Youtuber <u>channel name: codingturtles</u> <b><u>In this channel i teach data structures and algorithm !</u></b>		
LANGUAGES KNOWN		
English, French(beginner level)		