



## Rahul Sahni

### Career Objective

Enthusiastic, highly motivated Engineering student passionate about Data engineering and Machine learning. Proficient in modern technologies like python, Open CV. Highly capable leader & punctual with good command on communication.

## Get in touch!



9463157285



rsahni9785@gmail.com



<https://www.linkedin.com/in/rahul-sahni-/>



<https://github.com/Rasa16>

## Technical Skills

MACHINE LEARNING DEEP LEARNING  
DATA SCIENCE DATA STRUCTURES  
C++ PYTHON SQL ALGORITHMS  
MODEL DEPLOYMENT FLASK

## Courses

- Machine Learning & Deep learning specialization from coursera.
- DSA & Algo from GFG
- Data Structures and Algorithm by Abdul Bari from Udemy.
- C language certificate from Kites Institute.
- Machine learning AWS udacity.

## Achievements

- Secured 7th rank in HackWithCW International Hackathon where more than 250 teams participated.
- First in Flipr hackathon 6.0
- Research paper published in international conference IACC 10th.
- Cleared prelims of SIH 2020 in hardware edition.
- Won 3 technical competitions in Techniti 2019.
- Secured highest marks in Physical Edu. in class 12th CBSE board

## Activities/ Hobbies

- Core team member of DSC NITJ - (AI/ML Developer)
- Core team member of LinkedIn Local NITJ - (Marketing & content team)
- Team member of Robotics club (RTist NITJ)
- Playing cricket & badminton.
- Love to listen to songs.

## Education

### Bachelor's Of Technology

NIT JALANDHAR | August 2018 - Present

- COURSES

CGPA: 7.93/10.0

- Instrumentation and Control Engineering.
- Electronics and Communication Engineering (Minor degree).

### 12th CBSE

Apeejay School Jalandhar | 2016 - 2018

- Non Medical

%age: 92.8%

## Internships

### AI Developer Intern

Kickhead's Software Pvt. Ltd. | May 2020 - June 2020

Achievements/ Tasks

- Successfully implemented an AI solution for student verification system for their product AMIGOZ. It utilizes AI/Machine learning and image processing to separate genuine ID card verification requests from spam.

### Deep Learning Intern

Leading AI, Bennet University | July 2020 - August 2020

Achievements/ Tasks

- Studied and worked on EEG signals. Built emotion recognition based on EEG signals. Also implemented FFT on raw EEG signals.
- Worked in a team of five and used various deep learning algorithms like LSTM, RNN etc. for classification.
- Also written research paper for the same which is published in IACC 2020 conference.

## Projects

### Fully functional application as paddy disease detector (CropDoc)

November 2020 - December 2020

- This application includes two detector model to detect disease and pests respectively, I have used YOLOV4 tiny for object detection on custom dataset.
- This app includes an AI enabled chatbot deployed to assist user 24\*7.
- It also includes exclusive store where various fertilizers and products are available.

### Detection and Removal of NSFW images

June 2020 - September 2020

- Created four deep learning models for classification and detection of such images.
- Used Keras retinanet, Resnet, open CV and tensorflow.
- Various problems were eliminated by making required changes in the code and modifying it to solve the problem.

### Face mask detector & Social distancing detector

May 2020 - June 2020

- Created a classifier model which would tell whether the person has wore mask or not.
- Created a person detector, after detecting person centroids of the bounding box were calculated and compared with 2m distance.
- Combined both the models to perform the task in realtime.