

# DHRUV VARSHNEY

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## CAREER OBJECTIVE

Intend to build a career in a competitive and challenging work environment, to contribute to the best of my ability towards the growth which will help me to nurture my skills, knowledge and further revamp them to accomplish organizational goals and enrich myself in overall aspects.

## ACADEMIC DETAILS

Degree/Grade	Institution Name	Score
B.E (Computer Science And Engineering)	Bangalore Institute of Technology(VTU)	8.00/10 CGPA [till 4th sem]
Senior Secondary (Pre-engineering)	M.V.N School ,sector-17, Faridabad (CBSE)	88%(2018)
secondary(High School)	M.V.N School ,sector-17, Faridabad (CBSE)	9.8/10(2016)

## TECHNICAL SKILLS

- Python
- SQL
- HTML/CSS
- JavaScript
- C/C++

## PROJECTS

### COVID-19 Detection Using X-ray images and Development of Web-app:-

In this project first I collected the various chest X-ray images of both COVID-19 positive and negative people and form a dataset. Then we generate the images using **Data Augmentation** and then represent the images in a feature space and use the deep learning. Here I used CNN(convolution Neural Network) which is a deep learning algorithm. Split the dataset into two set :training(fit the models) and validation(estimate prediction error). Then using validation set we evaluate the performance of the detector.

Github link : <https://github.com/dhruv-varshney/COVID-19-Testing-Using-X-Ray-Images-Web-App-Development>

## OTHER MINI PROJECT

1. Contact Management System(C/C++)
2. Apply Filter on a canvas(HTML/CSS/JAVASCRIPT)

## **ACHIEVEMENT**

My project (COVID-19 DETECTION BY USING X-RAY AND DEVELOPMENT OF WEB-APP) got shortlisted for  
"AICTE CHHATRA VISHWAKARMA AWARDS 2020"

## **OTHER ACHIEVEMENTS**

1. Certificate: "Crash Course On Python by Google"  
[Certificate](#)
2. Certificate: "Programming Foundations with HTML, CSS & JAVASCRIPT"  
[Certificate](#)
3. Certificate: "INTRODUCTION TO JAVASCRIPT: THE BASIC"(BASIC Project)  
[Certificate](#)

## **EXTRA CURRICULAR ACTIVITIES**

Active member of Robotics Club :-

I work on Project like

1. Obstacle Detector
2. Touch Sensor
3. Line Follower

## **OTHER SKILLS**

- Good communication and presentation skills
- Adaptable and flexible
- Ability to learn quickly and apply the same

## **LANGUAGES KNOWN**

- English, Hindi.

## **DECLARATION**

I hereby declare that all the information furnished above is true to the best of my knowledge and I undertake to inform you of any changes therein, immediately.

**Place:** Bangalore

**Date:** March 03, 2021

**DHRUV VARSHNEY**