

# Aditya Kumar

Student

I'm a passionate, ambitious student who has developed a mature and responsible approach to any task that I undertake, or situation presented with. As a under-graduate with four years of experience, I am excellent in working with others to achieve a certain objective on time and with excellence.

adityak0308@gmail.com ✉

8800500413 📞

New Delhi, India 📍

linkedin.com/in/aditya147-k in

github.com/Aditya-kumar-147 🌐

## EDUCATION

### UG (B.Tech, CSE)

Vellore Institute of Technology

07/2017 - Present

Courses

- Computer Science and Engineering

### Higher Secondary School

Mayo International School

05/2015 - 04/2017

Abhay Khand-2, Indirapuram

Courses

- PCM

## WORK EXPERIENCE

### Summer Intern

CyberCure Technologies Pvt. Ltd.

05/2019 - 06/2019

Indirapuram, New Delhi

The Company work towards spreading awareness, providing solutions and developing a Better and Secure Digital World and safeguarding the future.

Achievements/Tasks

- Developed a Face Recognition based Attendance System.
- First version of the Attendance System was created using Tkinter, where it can only mark the attendance on a spreadsheet.
- In the second version, I decided to make a Web Based System using Flask, which is a web framework with all the required tools and libraries.
- Operations which we can perform using this system- Take Images, Train Images, Mark Attendance and finally generate the report.
- This Attendance System has proved to be a very efficient solution in the COVID-19 pandemic.
- Tools used- Computer Vision, Flask, Bootstrap.

Contact: Sangeet Chopra - 9555554999

### Sports Coordinator

Riviera Sports Committee

01/2020 - 02/2020

Vellore

Achievements/Tasks

- Organised Various sports events.
- Participated in the Inter College Snooker Competition.

Contact: Siddesh (Organiser) - 9820911098

## PUBLICATIONS

Australian Bushfire Detection Using Machine Learning and Neural Networks, IEEE, (09/2020 - Present)

## SKILLS

React

Deep Learning

Python

Streamlit

C++

Java

R

Bootstrap

Web Development

Machine Learning

Computer Vision

Flask Developer

MySQL

Tkinter

## PERSONAL PROJECTS

Finding the most Influential Actor in a Community (07/2019 - 10/2019)

- Using Centrality measures to find the most central node, implemented using Python.
- Centrality measures implemented- Degree Centrality, Betweenness Centrality, and Closeness Centrality.
- Tools- Python, Matplotlib.

Forest Fire Prediction Model (06/2020 - 06/2020)

- We can predict forest fire using parameters Oxygen, Humidity and Temperature.
- Tools- Sklearn, Streamlit.

Exam Paper Credit System (07/2019 - 10/2019)

- Developed a Website to help students during their Exam time, implemented using HTML, CSS, Bootstrap, MongoDB, and JavaScript

Face Recognition Based Attendance System (03/2020 - 04/2020)

- The system is implemented using OpenCV in Python
- Tools- Flask, MySQL, Bootstrap, OpenCV

Invisibility Cloak using OpenCV (04/2020 - 05/2020)

- Here, I have created this magical experience using an image processing technique called Color detection and segmentation.
- Tools used- OpenCV, Numpy.

## CERTIFICATES

Python Certification from HackerRank (06/2020 - Present)

HackerRank

Java Certification from HackerRank (07/2020 - Present)

HackerRank

Machine Learning and Computer Vision using Python (04/2020 - 05/2020)

CyberCure Technologies Pvt. Ltd.

Data Structures and Algorithms in C++ (04/2018 - 05/2018)

Ducat Education