

# AYUSH SHUKLA

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## EDUCATION

### SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

BTECH IN COMPUTER SCIENCE  
2018-2022  
CGPA | 9.38

### ST. ANTHONY SCHOOL

2017-2018 | UP, India  
XII Percentage: 87.2

### ST. ANTHONY SCHOOL

2015-2016 | UP, India  
X CGPA: 8.0

## LINKS

Codechef:// [ayush1512](#)  
Github:// [Ayush-1512](#)

## COURSEWORK

### UNDERGRADUATE

Data Structures  
Operating Systems  
Algorithm Design and Analysis  
Object Oriented Programming

### ADDITIONAL

Competitive Programming  
Machine Learning  
Data Structures and Algorithms in C++

## SKILLS

### PROGRAMMING

Languages  
C • C++ • Python  
Frameworks/Libraries  
Scikit-Learn • Keras • Pandas • Numpy  
Familiar:  
HTML • CSS • Linear, Logistic Regression  
Gradient Descent • Decision Trees  
Random Forest • N.L.P • K.N.N • A.N.N. •  
CNN

## HOBBIES

- Playing Cricket
- Listening Music

## EXPERIENCE

### TCS-ION | REMOTE INTERN

May 19, 2020–July 11, 2020

- Worked on Automate Extraction of Hand Written Text From an Image Using Pytesseract and Open CV.

## PROJECTS

### STONE PAPER SCISSOR GAME

- It is a two player game.
- Algorithm used : K Nearest Neighbors Classifier , to detect whether it is stone , paper or scissor, infront of webcam.
- Open Cv for image processing.

### SENTIMENT ANALYSIS

- Model that determine the tone positive , negative or neutral from a text.
- Placed 2 dense layer of 500 and 1000 units.
- Open Cv for image processing.

### COVID-19 DETECTION

- Used to detect whether person is suffering from Covid-19 or not.
- Using 3 Convolution layer of 32, 64, 128 units , 1 dense layer of 64 units.
- Optimizer Used: Adam, Kernal size : (3,3) .
- Using X-ray dataset.

### IMAGE CAPTION GENERATOR

- Model is used to generate a text for a give image.
- Using Transfer learning and LSTM..
- Used pretrained model VGG.

## ACHIEVEMENT

- Silver medalist in C language. (NPTEL CERTIFIED)
- Silver medalist in C++ .(NPTEL CERTIFIED).
- Secured 1st position in the coding contest organized by SRM student.
- Codechef August Lunch Time Global rank 1113 // 25k+ participants
- Codechef Sept. LunchTime Global rank 672 // 10k + participants.
- Codechef July LongChallenge Global-rank 469 // 27k + participants.
- School topper in Computer Science , secured 92
- Codechef rating 4\* (max-rating 1945)
- Codechef July, August LongChallenge College Rank 1
- Google Kickstart round F rank 1057// 20k+ participants