

# Rishabh Jain

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## Objective

To utilize and enhance my skill-set by working in a team environment, on ideas & projects that have a real-life, large-scale impact.

## Education

### B.Tech Electrical Engineering

PUNJAB ENGINEERING COLLEGE (DEEMED TO BE UNIVERSITY), CHANDIGARH

CGPA : 9.34

Aug. 2017 - PRESENT

### Class XII, AISSCE, CBSE

MONTFORT SENIOR SECONDARY SCHOOL, ROORKEE

Percentage: 93.4 %

Mar. 2016 - Apr. 2017

### Class X, CBSE

MONTFORT SENIOR SECONDARY SCHOOL, ROORKEE

CGPA : 10

Mar. 2014 - Apr. 2015

## Experience

### Goldman Sachs

SUMMER ANALYST

Summer Internship

Jan. 2020 - Jun. 2020

- Developed a module to query the Big Data storage using native SQL queries and generate an output extract in CSV format for the purpose of data comparison.
- Purpose was to migrate the code to more open source technologies for improved code management and faster processing speed.
- Used technologies like- JAVA, SQL, Process Monitors etc.

## Technical Projects

### Travelogue

TECHNOLOGIES USED : HTML, CSS, BOOTSTRAP, JAVASCRIPT, NODE.JS, MONGODB

- It is a platform for users to share their travel destination and itinerary for other travellers to get a personal experience of a place from the POV of a traveller, things to do etc. at that place.

### Webcam Motion Detector

TECHNOLOGIES USED : PYTHON3, OPENCV, PANDAS, BOKEH

- It is an application that uses the webcam (or any other attached camera) to detect motion and outputs data in the form of a time-series graph and can be hooked with Raspberry Pi for security purposes.

### Brain Training RGB Game

TECHNOLOGIES USED : HTML, CSS, BOOTSTRAP, JAVASCRIPT, JQUERY

- It is a virtual RGB color game made using front-end Web Development stack which can help train the brain for RGB codes of colors.

### Sentiment Analysis

TECHNOLOGIES USED : PYTHON3, NATURAL LANGUAGE PROCESSING

- Used Natural language processing to classify the sentiments in either of Positive, Negative or Neutral

### Increase My Reach Bot

TECHNOLOGIES USED : PYTHON3, SELENIUM, BEAUTIFUL SOUP, MATPLOTLIB

- Developed a bot to help a user increase the reach of his/her post by automatically getting the trending tags for the topic .
- Plotted the tags in a form of a pie chart based on the number of users using the tags.

## Technical Skills

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<b>PROGRAMMING :</b>	C, C++, Java, Python3,
<b>FRONTEND :</b>	HTML, CSS, JavaScript, jQuery, Node.js,
<b>BACKEND :</b>	Spring Framework, Express, Node.js,
<b>DATA SCIENCE :</b>	Numpy, Pandas, Plottings, Web Scrapping, Selenium, Tableau,
<b>MACHINE LEARNING :</b>	Regression, Decision Trees, SVM, KNN, NLP, Neural Network, Tensor Flow, Keras, CNN, RNN, LSTM,
<b>DATABASES :</b>	Microsoft SQL Server, MongoDB, PostgreSQL,
<b>IDEs :</b>	VS Code, IntelliJ - Idea, Aqua Data Studio, Arduino IDE,
<b>DESIGNING TOOLS :</b>	Adobe Photoshop, Adobe Premiere Pro, Adobe After Effects, Adobe XD,
<b>HARDWARE :</b>	Arduino UNO, ESP Module,
<b>OTHER SOFTWARES:</b>	MATLAB, MS Office, Fritzing, SolidWorks, LaTeX,

## Honors & Awards

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<b>2019</b>	<b>Certificate Of Appreciation</b> , for being an All Rounder	<i>PEC, Chandigarh</i>
<b>2019</b>	<b>Certificate Of Appreciation</b> , for active contribution towards PECFEST.	<i>PEC, Chandigarh</i>
<b>2018</b>	<b>Winner</b> , for making the best B-Roll among 20 participants.	<i>IIT Delhi</i>
<b>2018</b>	<b>Winner</b> , for direction of the best short film.	<i>IIT Ropar</i>
<b>2017</b>	<b>Runner Up</b> , for direction of the best short film.	<i>IIT Delhi</i>
<b>2017</b>	<b>Head Boy</b> , served the School by managing its activities.	<i>Montfort School, Roorkee</i>

## Positions of Responsibility

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### PECFEST Creative 2020

*College Fest*

#### CREATIVE HEAD

*May. 2020 - PRESENT*

- Head of the creative committee which looks after the digital designing, video editing and overall coverage of the fest.

### Projection & Designing Club, PEC

*Student Club*

#### EXECUTIVE BODY MEMBER

*May. 2018 - PRESENT*

- Manage the working and events of the Film Direction Club of the College, with over 100 members.

### Creative Committee

#### HEAD

*Jun. 2020 - PRESENT*

- Organized various college level events, viz: Orientation 2019, Open House 2019, Athletics meet 2019, Alumni Meet 2019 and more.

## Interests

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- Film Direction & Editing.
- Digital Designing.
- Photography.
- Reading & Writing answers on Quora.
- Music Production & Instrumentalist.