

# Sajal Gupta

✉ sajal.gupta6397@gmail.com | 🏠 sajalgupta.herokuapp.com | 📷 sajalgupta1 | 📄 sajalgupta63

## Skills

<b>Programming</b>	C/C++, Java, MATLAB
<b>Web</b>	HTML/CSS, JavaScript, Bootstrap, Heroku
<b>Operating System</b>	Windows, Mac OS
<b>Tools</b>	TestNG, Selenium, Protractor, Eclipse IDE, Github, Git

## Work Experience

### Intern -HCL INFOSYSTEMS LTD.

Noida

SOFTWARE FOR DRONE TESTING

Dec 2018 – Jan 2019

- I worked as software developer in the organization. I learned lot of skills and concepts of Physics applied in real life, and also worked on new technologies during this period.
- Automated a software for maintaining and monitoring the Drone's speed, distance at which it is flying, and the software checked for any damage or unusual behaviour if found.
- Also contributed in developing the Front End for the software.
- Technical Stack Used: HTML/CSS, JavaScript, Java, Eclipse IDE, Physics concepts.

### Intern -Harman Connected Services Pvt. Ltd.

Gurugram, India

SOFTWARE FOR ISSUING SSL CERTIFICATE AND MONITORING SENSOR READINGS

Jun 2019– Jul 2019

- Developed the Front end interface of the main project 'IoTrust Security Platform' and tested it.
- The software managed big systems and machines like conveyor belts which includes sensors and their readings gets live updated in the software.
- I used Selenium, Protractor and TestNG to automate test cases in the software.
- Technical Stack Used: Java, HTML/CSS, TestNG, Protractor, Selenium IDE.

## Education

### Delhi Technological University

New Delhi

B.TECH IN ENGINEERING PHYSICS(EP)

2017 - 2021

- CGPA - 8.85 (till 5th semester)

### Indraprastha International School

New Delhi

HIGH SCHOOL

2014 - 2016

- CBSE (Class XII) - 93.8 percent
- CBSE (Class X) - 10 CGPA

## Projects

### Training and Placement Website (TnP)

Website

DELHI TECHNOLOGICAL UNIVERSITY

Github

- Developed the website of Training and Placement cell for Delhi Technological University.
- The website consists of Placement stats of previous years, how the TnP cell organises placements, brochures and training letters.
- Technology Used: HTML/CSS, JavaScript, Heroku

### Covid-19 Tracker Website

Website

HTML/CSS, JAVASCRIPT, HEROKU

Github

- A website that extracts Covid-19 current information including Total, Active and Death cases, using an API and loads into a cleaner and user-friendly Front-End interface.
- A moving transitional images background implemented using 'keyframes', seems like a video background.
- Shows the real-time data of all the countries.

## Weather Application Website

Website

HTML/CSS, JAVASCRIPT, HEROKU

Github

- A website coded in HTML5, CSS3 and JavaScript that shows the current temperature of any country with a cleaner and user-friendly interface.
- It fetches the current weather data and climate details from an API, from <https://api.openweathermap.org>.

## PortFolio Website

Website

HTML, CSS FLeXBoX , CSS WEbKIT, HEROKU

Github

- A portfolio website coded in HTML5, CSS3 showcasing my skills, projects and about me section.
- An eye-catching Front-End interface.
- Contact Information and all Social Media links also embedded in the website.

# Position of Responsibility

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## WEB DEVELOPMENT HEAD

E-Summit Website

E-CELL DTU

May 2019 (Present)

- Worked In E-Cell DTU as a Designer and Web Developer.
- Led a team of juniors and contributed in making the Official Website of E-Cell DTU, and the E-Summit (Annual Event of E-Cell DTU).

## TECHNOLOGY COHEAD

New Delhi

E-CELL DTU

2018-2019

- Worked In E-Cell DTU as a Co-Designer and contributed in the Web Development Team.
- I made the efforts to design the posters and website of E-Cell and E-Summit and learned to work in a team.

## Graphic Designer

Github

ENGIFEST-2018

2017-2018

- Designed various posters for the events which happened in Engifest 2018 - the annual cultural festival of DTU.

## Head-Boy, the student head of the school

New Delhi

INDRAPRASTHA INTERNATIONAL SCHOOL

2015-2016

- Managed the Events and Academic fests including the annual day celebration and Tech-Fest Etlectica.

## Core Team Member

New Delhi

PyDATA DELHI

May 2018 (Present)

- PyData conferences bring together users and developers of data analysis tools to discuss how best to apply them, to meet evolving challenges in data management and visualization.
- I made the efforts to manage a crowd of around 1280 attendees at the Annual PyData Conference 2018 where National as well as International Speakers gave novice talks to help the members know more about Technical languages.

# CourseWork

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## CURRICULUM AND SELF LEARNING

Operating Systems

Object Oriented Programming

Algorithmic ToolBox- Coursera

Github

Data Structures- Coursera

Github

# Honors & Awards

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2016 **Awarded the Scholarship for excellence in Class 12th Boards Exam**

2014-16 **Won 1st Prize in Nirmal Bharti Public School twice for Band Performance in their annual fest**

2014 **Awarded the Scholarship for excellence in Class 10th Boards Exam**

2012-15 **Awarded silver medal in inter-school Swimming competition**

2015 **Won various other awards in inter-school competitions for Basketball**