



# Shubham Saxena

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## Education

**Bachelor of Engineering (B.E.) Computer science (2016 - 2020)**  
PESIT BANGALORE SOUTH CAMPUS , BANGALORE  
CGPA : **8.94/10**

**XII (Senior Secondary), Science**  
Year of Completion: 2015  
Ben Hur Public School (CBSE)  
Percentage : **92.80%**

**X (Secondary)**  
Year of Completion: 2013  
Ben Hur Public School (CBSE)  
CGPA : **10/10**

## Skills

### Programming:

**C++**  
Advanced

**C**  
Intermediate

**Python**  
Intermediate

**Java**  
Intermediate

### Databases:

**MySQL**  
Intermediate

**MongoDB**  
Intermediate

### Technologies:

**HTML/CSS**  
Intermediate

**JavaScript**  
Intermediate

**Bootstrap**  
Intermediate

## Projects

### Saksham | Mobile Application

Digital solution for effective  
learning of persons  
with specific learning disability

<https://github.com/Shubham1304/CosmosSIH2018>

### Smart Home | IoT

An IoT based project integrated with an Android app for  
controlling switches over wifi, AC control by sensing  
temperature and fitted with burglar alarm system

<https://github.com/Shubham1304/Smarthome>

### Air Assist | Mobile Application

The Air Assist is an app that tries to combine all the  
aspects of flying and aims at making it smarter. It focuses  
on reducing ground crew and simplifying all the  
cumbersome things involved at airports. Its immersive  
graphics and meticulous interface guides the user step  
by step to finish the whole procedure- from take-off to  
landing!

### Jump-Scrape | Web Scraper program

A web scraper program that jumps from link to link to a  
web page and its referentials to give tabulated data based  
on the given user search. Designed and developed in  
Python, Jump-Scrape utilises packages such as  
BeautifulSoup, mechanize and selenium to fetch URLs  
and consequent data off the source with one aim in mind -  
deliver data of the highest quality.

<https://github.com/Shubham1304/SciBase>

### Alien Citation | Web App/Python (ongoing)

Finding a way to find out names of people who have cited  
a paper and frequency as well, leaving the known ones  
and plotting a histogram.

<https://github.com/Shubham1304/AlienCitations>

### Frameworks/Platforms:

**Node.js**

Beginner

**Framework7**

Intermediate

## Extra Curriculars

- ✓ TEDXPESITBSC 2018:  
TEDxEvents – Part of the speaker curator team where I was responsible for finding prospective Speakers blending with the theme of the event, meeting them to Curate their Speech by helping them formulate their ideas.
- ✓ Activity Day – 2018  
Member of the Core Team of the department.
- ✓ Organized several technical and humanitarianism based IEEE events for the year 2017-2018.
- ✓ Organizer of Group Dance event of college fest Maaya-2017
- ✓ Volunteer at INDIA HACKS International conference by HackeEarth
- ✓ Organized online coding events for HackerEarth in college.

### DriverSuraksha | IoT

An IoT based project that detects the alcohol level in the breadth of the driver and if the level crosses a threshold, messages are sent to top 5 numbers of the list. Also prototyped the model to link with the car's lock so that it may jam the lock in case of driver found drunk.

## Positions of Responsibility

- **Campus Ambassador**  
HackerEarth  
Dec-2016 – Present
- **Campus Ambassador**  
Coding Blocks  
May-2018 – Present

## Trainings

- **Java And Android Development**  
Udemy (Online)  
Jan - 2018  
Java (Advance) and Android Studio
- **Data Science And Analytics**  
Pesu (Seminar) (Bangalore)  
  
Nov 2017  
  
The National seminar on Data Science and Analytics was all about the how Analytics can be used in different fields of work. It had speakers from IISC, WALMART, VODAFONE etc.
- **Web Development Workshop**  
IIT Madras (Shaastra) (Bangalore)  
Oct 2017  
The workshop was headed by the IIT Madras's Shaastra Committee members. It was about the use of WordPress in making websites.
- **Web Development**  
Udacity (Online)  
Oct 2017  
Web Development and Web designing concepts
- **Python**  
Udacity (Online)  
Oct 2017 - Nov 2017  
Programming concepts in Python