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# SUMAN BHATTACHARJEE

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## SKILLS

**Programming skills:** C++, C, Python 3.6, Javascript, JAVA 8.

**Mobile app development skills:** Flutter framework for android+ios.

**Webdev skills(Frontend):** HTML/CSS,Reactjs, Nodejs.

**Webdev skills(Backend):** PHP, Django web framework, Angularjs, Expressjs.

**Machine learning:** Python,Spark,Tensorflow, Tensorflow.js, SKlearn, Matplotlib.

## EXPERIENCE

### **SCALER Achiever club(InterviewBIT), Bangalore,India** *Campus Lead*

MARCH 2020 – PRESENT

- I am the campus lead of [SAC](#) at my college VSSUT, Burla where my job is managing and leading mock coding competitions/interviews conducted by [SAC](#), interviews and spreading news about recent events going on within the infotech industry.

### **CDAC Pune, India** – *High performance computing intern*

December 2019 – January 2020

- At CDAC, Pune I learnt about the fundamentals of parallel programming and developed a bunch of HPC algorithms using MPI and OPENMP libraries. I also worked upon a project using INTEL's VTune amplifier, advisor(FGA) to reduce the execution time of matrix multiplication algorithm. My second project was to simulate subatomic particles using quantum espresso.

### **Bhopal smart city hackathon 2.0, Bhopal, MP** – *Team leader.*

November 2019 – December 2019

- At this national level hackathon I was the team leader of the participant team Screwed up's which was shortlisted among the top 20 teams nationwide. Our project was a security software for residential colonies, where i built a [facial recognition portal](#) using python and OpenCV libraries which can detect if a person walking through the colony entrance is a verified resident of the colony or not.

## PROJECTS

### [A Blogging web application](#) – (Framework: Django, Python 3.7.6)

In this project I built a web application using python's django web framework. It is a blogging twitter like web application where you can register, login, post a blog, update that post, delete that post and also see what other users have posted on the homepage. The app can be seen [here](#).

### [A python package](#) – (PyPi.org, Python 3.7.6, Command for installation: `pip install sumon`)

In this project I built a python package using OOP concepts in python that has two classes Gaussian and Binomial, which can calculate the Gaussian probability distribution and Binomial probability distribution on a dataset.

## EDUCATION

### **Veer Surendra Sai university of technology, Burla** – BTech

August 2017 – Present, Burla, Sambalpur, India

CGPA: 7.61/10.00

## CERTIFICATIONS

1. [HOW GOOGLE DOES MACHINE LEARNING](#)
2. [LAUNCHING INTO MACHINE LEARNING](#)
3. [SOFTWARE ENGINEERING VIRTUAL EXPERIENCE BY JP MORGAN](#)
4. [#CODE19 COVID-19 HACKATHON BY MJF FOUNDATION](#)
5. [INTRODUCTION TO FLUTTER FRAMEWORK](#)

## LANGUAGES

- Proficient in British English, Hindi, Bengali, Odia.

## LINKS TO PROFESSIONAL PROFILES

- [LINKEDIN](#)
- [HACKERRANK](#)
- [HACKEREARTH](#)
- [GITHUB](#)
- [INTERVIEWBIT ACADEMY](#)
- [KAGGLE](#)