Sanchit Jain

Software Developer

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# SKILLS

Python,

Java

C++

Django

Blockchain

Web Scraping/Driving

Data Structures

Github

Arduino

# **EXPERIENCE**

## Thapsat *- Technical Team Member*

January 2020 - present

* Thapar Satellite program aiming to build a nano-satellite to monitor pollution over the northern region of India
* Position as a technical team member

## Creative Computing Society *- Member and Content Writer*

September 2019 - present

* One of the oldest and most prestigious societies of Thapar
* Gained exposure and skill-set development

## ACM (Association for Computing Machinery) Society *- Member*

January 2020 - present

* Renowned society which hosts the prominent ACM ICPC
* Recently joined as a technical team member

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# PROJECTS

**Automatic Street Lighting System -**

The traditional lighting system has been limited to two options ON and OFF only, and it is not efficient because this kind of operation meant power loss due to continuing working on maximum voltage. Hence, wastage of power from street lights is one of the noticeable power loss, but with the use of automation, we are aiming for a smart lighting system in which the street lights will be turned OFF during day-time, otherwise the lights will remain Dim/ON.

**BloodX -**

We created an app to ease the process of donating and finding blood. All of the processes were transparent and we used machine learning to predict if The user is coming to donate blood next month or not so that we can pre-organise our marketing strategies towards them.

**Notelix -**

We created an app and website to help people manage their medicine intake with the help of reminders and order medicine from the app itself.

# **EDUCATION**

## Thapar Institute of Engineering and Technology, Patiala *- Bachelor of Engineering*

July 2019 - present

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## Manav Rachna International School *- High School Diploma*

April 2015 - March 2019

## Brisbane State High School, Brisbane, Australia

January 2014 - January 2015

# **AWARDS**

5 Star on Hackerrank - sanchjain101

Google Hashcode 3rd rank - ThaparHub