

# SOUMYASREE CHAKRABORTY

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## CAREER OBJECTIVE

To utilize my technical skills for achieving the target and developing the best performance in the organization. I would like to implement my innovative ideas, skills and creativity for accomplishing the projects.

## EDUCATIONAL QUALIFICATION

Examination	Board / University	Stream	School /College	Y.O. P	Marks
B. Tech	M.A.K.A.U. T	Electronics and Communication Engineering	JIS College of Engineering	2021	84%
12th	WBCHSE	Science	Kanchrapara Harnett High School	2017	77.60%
10th	WBBSE	General	Kanchrapara Harnett High School	2015	79.57%

## SKILLS

### ❖ PROGRAMMING LANGUAGES

C, Java, Python, DBMS,HTML,PHP

### ❖ OPERATING SYSTEM

Windows 10

## ACHIVEMENTS

- Won prize in **JISCE TECH2K19** for project competition.

## PROJECTS DONE

- AN ARDUINO BASED VEHICLE ACCIDENT DETECTION AND TRACKING SYSTEM

3<sup>rd</sup> Jan 2019 – 12<sup>th</sup> Mar 2019

In this project I've worked with 'Arduino', 'GPS', 'GSM' and 'Accelerator-meter' modules. I have designed a system to collect geographical coordinates using GPS module, when accelerator module will get certain change in its value in 3 dimensions based cartesian coordinate system, Arduino will analyze it's value and according to its predefined threshold value it will smartly detect it's an accident or not. As per the situation it will send a message to preloaded mobile devices with an exact GPS location link.

- AN AUTOMATIC ROOM FRESHENER SYSTEM

15<sup>th</sup> Apr 2019 – 10<sup>th</sup> May 2019

In this project I've recorded the movement of a human across a door. When someone enters a room the IR sensor will detect the movement and according to the code the Arduino will trigger a DC motor to run a cycle with some mechanical configuration that will make a spray. When someone will get out of the door the second IR sensor will detect the moment and the Arduino will deactivate the first IR sensor and in this case no spray will occur.

## CERTIFICATIONS

- CRASH COURSE ON PYTHON

Certification Link:

[Coursera | Online Courses & Credentials From Top Educators. Join for Free | Coursera](#)

- PYTHON , Object Oriented Programming

## LANGUAGE KNOWN

**English** (Fluent)

**Bengali** (Native)

**Hindi** (Fluent)

## HOBBY

- **Playing Cricket**
- **Travelling with own Bike**
- **Reading Detective Books**

## DECLARATION

I, hereby, declare that the above-mentioned information is true and correct to the best of my knowledge and belief, and I bear the responsibility for the correctness of the above-mentioned particulars.

Place: Kalyani.

Date: 15-08-2021

Soumyasree Chakraborty.