

# Syed Mohsin Bukhari

Embedded and Software Engineer

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- B.Tech graduate from IUST with a passion for technology and a drive to excel. Seeking a beginner role to leverage my technical knowledge gained during my four years of education. Proficient in PCB design, circuit design, simulations, Python, and other relevant skills. I am dedicated to continuous learning and adapting to new challenges. Open to opportunities that allow me to contribute and grow. Let's connect and explore potential collaborations!

## EXPERIENCE

### MBA Hub

Intern

August 2022 - October 2022

## EDUCATION

### Islamic University of Science & Technology, Pulwama

Bachelor of Technology - BTech

September 2019 - July 2023

### SRM Welkin Sopore

Islamic University of science and technology awantipora

## LANGUAGES

English, Kashmiri, Urdu

## PROJECTS

### A Computer Vision Based Fruit Grading & Sorting System

January 2022

- Created a device capable of grading & sorting of the fruits & dry fruits. It can remove the defective fruit and then grade the rest based on the size. Whole system is fully automatic and requires little input from user at the start through user friendly Human Machine Interface.

### Density based traffic control system.

August 2023

- The Density-Based Traffic Control System, a project, utilizes IR sensors to monitor traffic flow. By analyzing vehicle density with these sensors, it intelligently regulates traffic signals to reduce congestion and improve efficiency. This technology enhances road safety and minimizes commute times, making urban transportation more fluid and convenient.

### Arduino Based Keyless Door Lock System with Keypad and LCD.

July 2022

- The Arduino board is connected to an LCD and a servo motor. The servo motor is used to push (lock) or pull (unlock) the latch on the door.

### Regulator gets switched off on gas detection

August 2022

- The project's goal is to create a system that detects gas leaks and notifies the subscriber through alarm and status display, as well as shutting off the gas regulator.

### Automatic Street Light Control.

May 2022

- In Smart Light project, the Smart bulb will glow in Dark & automatically off in Light or Daylight using LDR

## VOLUNTEERING

Zoom

March 2020 - August 2020

## SOCIAL SERVICES

Online Tutor

