Saurav Kumar

Résumé

personal **details**

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Date of Birth
December 05, 1998

Gender
Male

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Indian

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career objective

A third year Electronics and Communication student with a great passion and enthusiasm for development in the field of Robotics and Embedded Systems. I am extremely dedicated and hard working and seeking for Internship at e-Yantra, IITB.

education

S.NO	Degree/ Eaxam(with Discipline)	University/ College/ Board	Year of Passing	Percentage of marks/ CPI
1.	BE(ECE)	UIET,panjab University	2020	8.40
2.	Higher Secondary School(Class 12)	K.V.3BRD, AFS, Chandigarh,CBSE	2016	88.60%
3.	Secondary School(Class 10)	K.V.3BRD, AFS, Chandigarh,CBSE	2014	95%

projects

1. **Pick and Place Bot**
   Built a Pick and Place Bot on the theme of thirsty crow In the E-yantra with the help of Path solving Algorithm and Augmented Reality. Based on the ATmega2560 microcontroller.

2. **Server based pollution monitoring system(IOT)**
   Developed a device which will be used to monitor the pollution level and the temperature of the particular site and update the information on the web page as well as on the Excel sheets.Also had mail and sms alerts. The advantage of using this device is that it is low cost ,easy to use compared to other devices in the market.

3. **CNC PLOTTER**
   This project is based on designing a 2D- plotter which can plot any image or any script on a particular page. In this project first we have to do the hardware part which is designing of plotter and then we have to work on software part which is the generation of the G-code of the image which we want to plot.This can be further modified so to plot any script in our own handwriting. Project Link: https://drive.google.com/folderview?id=1c1WKXYKnKe-JWh214p9ESyvSVbsgZGpb
4. **Other Projects**
   IoT based Home Automation using NodeMCU | Piezoelectric Based Shoes for Energy Harvesting and Wireless Transmission | Gesture Controlled Bot.