



BRIEF OVERVIEW / CAREER OBJECTIVE / SUMMARY

To work in a pragmatic way for an organization where I can show my talent and enhance my skills to meet the company goals with full integrity and zest.

KEY EXPERTISE / SKILLS

PLC Programming Arduino C Team Leadership Adaptability Task Management

EDUCATION

Nirma University	2016 - 2020
B.Tech - Instrumentation And Control Engineering CGPA: 8.07 / 10.00	
12 th CBSE Percentage: 88.00 / 100.00	2016
10 th CBSE Percentage: 93.10 / 100.00	2014

INTERNSHIPS

Pima Controls Pvt. Ltd.	June 1, 2019 - July 10, 2019
Key Skills: Control Panel PLC Programming	
Learned about AB Rockwell PLC programming and designed a program for a pharmaceutical bottle filling plant system.	

PROJECTS

Smart Car parking system	June 1, 2019 - June 15, 2019
Team Size: 1	
Key Skills: PLC Programming	
The designing of smart,secure and efficient parking system, tackles the problem of unnecessary searching for free parking area. It provides complete guidance for parking the vehicles in a particular sequence along with a proper arrangement for the security of the vehicles. The implementation of the designed system in real time can reduce parking related issues.	
Automatic water tank system	Jan. 1, 2019 - April 30, 2019
Team Size: 1	
Key Skills: Arduino UNO	
Saves water, power and time by preventing overflow of water from an overhead tank by automatically controlling motor switching action.	
Quizz Buzzer using 555 Timer IC	Oct. 1, 2018 - Dec. 15, 2018
Team Size: 2	
Manual buzzers used for quiz competitions in schools and colleges create a lot of confusion in identifying the first respondent. Adding a feature,i.e. as soon as someone (1st respondent) presses the buzzer, all the remaining participant's buzzer gets disabled until the reset button is pressed, facilitates identification of the respondent.	

CO-CURRICULAR ACTIVITIES

- Active member of the Toastmasters International Club and recently served as the "Contect-Chair of International Table Topic Contest Exuberance-2019"
- CREATIVE HEAD of Rotaract Club of Nirma University (2018-2019)
- Represented my branch in an inter branch dance competition.
- Highest fund raiser of the year for an NGO
- Participated in Hult Prize'18

WEB LINKS

- LinkedIn - <https://www.linkedin.com/in/simran-agrawal-311a1113b>