

Deepanshu Singh



(+91)9650719201
deep4nshu@gmail.com
github.com/inghanshu312

Career Objective	To start working with an organization with positive and easy environment where I could freely inject my knowledge and skills to help in fulfilling its goals.		
Education	Dr.Akhilesh Das Gupta Institute of Technology and Management(2016-2020)		
	B.Tech,EEE		CGPA:8.24
	Laxmi Public School(2016)		
	XII(Senior Secondary),CBSE.		Percentage:89
Projects	Laxmi Public School(2014)		
	X(Secondary),CBSE.		CGPA:9.4
	Battery Management System	A MATLAB model for cell balancing and cell protections with CANbus connectivity.	
	Weather Station	IoT based Weather Monitoring Device with Wind Speed, Wind Direction, Temperature and Pollution level monitoring.	
Computer Skills	Linear Quadratic Regulator on Atmega2560	A self balancing robot based on Linear Quadratic Regulator using Arduino mega also the remote was designed based on X-bee module for wireless control.	
	Wireless Power Monitoring Switch	This switch works on local server based on RapsberryPi 3b+ and use Home assistant server to integrate with Google Assistant using MQTT protocol.	
	Thirsty Crow	This path finding line following bot uses IR transmitters and receivers along with Atmega2560 micro-controller to follow a path of black line to pick and drop pebbles from certain positions in the arena.	
	Development Boards: Arduino, ESP8266, NucleoF446RE, Atmega2560, Raspberry Pi	Applications: MATLAB, EagleCAD, EasyEDA, Eclipse, Visual Studio, Git.	
Internships and Training	Cirkitree, Delhi		July 2019
	Research and development of electronic circuits and designing their circuit board layouts.		
	Adeep my IT solution pvt ltd, Delhi		March,2020
	Provide remote surveillance and other automated features using Raspberry Pi based servers.		
Achievements	Sofcon Training		June,2017-June,2018
	Hands on training in PLC and SCADA.		
Achievements	Finalists for E-yantra Robotic Competition 2018 at IIT-Bombay.		
	Winner of Internal Hackathon for Smart India Hackathon 2020.		