Satyam Kumar

Electronics and Communication Engineer

CONTACT

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in https://www.linkedin.com/in/satyam-kumar-a33b7615a

SKILLS

C Programming

Arduino

ARM Microcontroller

Embedded Systems

PIC Controller

LANGUAGES

English

Hindi

Co-Curricular Activities

- Vice Chair at Robotics and Automation Society Of IEEE MSIT.

- Industry Relation Coordinator at WIE AG IEEE Delhi Secition.

- Chief Organiser of Avensis 2020

- Sponsorship Team of TPE 2019

- Volunteer at India Skills 2018

SUMMARY

Highly motivated and excited to work in the field of embedded systems and core electronics, always try to learn something new which profits both me personally and organization i work with, experienced enough to work over industry level and challenging projects, aimed to make this world a better place for living.

EXPERIENCE

September 2020 to Current
Embedded Design Services India Pvt. Ltd. Sagarpur, Delhi
Embedded Systems Developer Intern

- Collaborated with project managers to select ambitious, but realistic coding milestones on pre-release software project development.
- Coordinated with hardware and system engineering leads to gather and develop system requirements.
- Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs and enhancements.

January 2020 to August 2020
Mushin Innovation Labs Delhi, Delhi
Firmware Developer Intern

- Worked over Projects related to Industry 4.0, which is called as Mushin Ecosystem.

June 2019 to August 2019
EMTECH FOUNDATION, Delhi
Trainee

- Learned and fabricated numerous pcbs for project during this training, learned pic16f887 programming ,made some cool projects using USART, Adc and Timers.
- And learnt fabrication of pcb PROJECTS Bluetooth controlled bot using bluetooth in master slave mode.

EDUCATION

Bachelor of Technology (B.Tech) Electronics and Communication
Maharaja Surajmal Institute Of Technology, Delhi
73.31%

Senior Secondary(XII)
Rajkiya Pratibha Vikas Vidyalaya Surajmal Vihar, Delhi-110092
75.40%

High School(X)
Govt. Boys Sr. Sec School Dilshad Garden, Delhi=110095
77.9%

PROJECTS

- MLX90614 based digital thermometer
- Analog Thermometer using Amphenol ZTP sensor
- Pulse Oximeter
- LIDAR based 3d scanner using Arduino
- Bluetooth Controlled Bot using Master Slave configuration of Bluetooth modules.