SHOBHIT DIMRI

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EDUCATION

Bachelor of Technology
Electronics & Communication

📅 Kumaon Engineering College

2017-21

EXPERIENCE

Electronics Internship
Softusvista.com

📅 feb2021–apr2021   📍 WFH

- Work on the website(Calculatoratoz.com) to add new calculators in the electronics engineering.
- Covered more than 18 subjects in Electronics actively participated in the product development idea's of the company and meetings. .
- Created more than 900+ calculators.

• Content Development (Electronics)
Incrediminds pvt.Ltd

📅 sep2020–oct2020   📍 WFH

- Wrote 65+ documents related to Arduino microcontroller and embedded system.
- Below has been part of my work during this tenure of one month: 1. Data Collection 2. Making project documents 3. Making Customize circuits and creating pictures.

Summer Intern
Uttarakhand Power Corporation Limited

📅 June 2020–Jul 2020   📍 Uttarkashi

- Two months training at power station of uttarkashi UPCL.
- Learned about distribution of power,substation,panel section,electronic equipments,transformers,passive and active components that plays important role in power distribution across state.

PCB Designing Intern
ENSINO RESEARCH AND DEVELOPMENT

📅 May 2020–June 2020   📍 Online

- Completed 4 week Summer virtual Internship during Covid-19 workdone during this period:
- Introduction to Analog and Digital Circuits,Designing and Printing of PCB design using Dip-Trace,Working on different types of Design eg: ip op circuit,Pen drive Circuit,Fridge open Door Alarm.

Arduino And Embedded C
ENSINO RESEARCH AND DEVELOPMENT

📅 May 2018 –Jul 2018   📍 Dehradun

- Completed 8 week internship during the end of 4th semester. and experience gained by me during this period: 1.Introduction to microprocessor family. 2.simulation of design in Proteus and coding in Arduino using C programming language. 3.Using Tinkercad and working on projects:Traffic light , Automatic Gas detection, Line following Bot.

COMPUTER COMPETENCE:

Technical Skill:
- Embedded System Design, Microcontrollers,Robotics,Internet of Things (IOT) , PCB Designing,Machine-Learning,Circuit Designing.

Languages:
- Embedded-C,C++,Python.

Non-Technical:
- MS Word,Article Writing,Power-Point.

PROJECTS

Automatic Gas Detection

Using Arduino-Uno microcontroller
- Gas detecting Sensor Detecting(MQ-135) Sensor senses gas leakage
- Built a circuit that is capable of detecting Gas leakage and use buzzer sound as an alert system **Useful in gas detections in household**

Wireless Robot Using Arduino

Arduino-Uno Microcontroller
- Using Arduino-Uno microcontroller made a wireless robot designed its Proteus model and implemented it in arduino system with hardware the robot can be acessed through android smartphone

RELEVANT COURSES

- Introduction to Embedded system Designing from NPTEL
- Machine Learning from Coursera
- Global Navigation Satellite System from ISRO
- Introduction to Programming the Internet of Things Specialization from Coursera
- Certificate Course on Python from Udemy
- Fundamental of Digital Marketing from Google Digital Garage