SIDDHARTH PUROHIT

Course : **B.E. (Hons.)**, Electrical & Electronics, 2021
Email : f20170351@pilani.bits-pilani.ac.in
Mobile : 9131785462
CGPA : 6.6

ACADEMIC DETAILS

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	Kendriya Vidyalaya No. 1 Indore	CBSE	92.2 %	2016
CLASS X	Kendriya Vidyalaya No. 1 Indore	CBSE	10 CGPA	2014

SUMMER INTERNSHIP / WORK EXPERIENCE

Web Development Intern, Demux Academy Apr 2020 - Jun 2020
- Development of Web Application using several front end and back end technologies : HTML, CSS, AngularJS, NodeJS.

IoT and Front End Development Intern., Smart-i Electronics Systems Pvt. Ltd. May 2019 - Jul 2019
Project Title : GUI Development and Image Push Via MQTT.
Objectives :
1. GUI Development for Image capture system portal implemented using Orange Pi. Involved work on Java Script, HTML, CSS.
2. Implementation of Image Push to a server via MQTT using Python programming and implementation of MQTT protocol.

PROJECTS

Development of 2D portable scanner. - Image push,translation using Microcontrollers Aug 2019 - Dec 2019
- Identifying obsolete mobile/ smart phone with a working Camera. Combining both phone camera and translation stages to develop a portable 2D Image scanner.
- Tools/FrameWorks Used : Arduino UNO, Raspberry Pi, Inage Push Using MQTT

POSITION OF RESPONSIBILITY

Electric Vehicle Power Train Head - BITS Charge, Shell Eco Marathon Asia. May 2019 - Present
1. **Electric Vehicle Power Train Head, BITS Charge** : Supervising all the aspects of Electric Vehicle Power Train, Managerial and Technical supervision and development of controller.
2. Worked on the design and development of 100% Ethanol fuelled car.

EXTRA CURRICULAR ACTIVITIES

Sports
Participated in BITS Open Sports Meet(BOSM-2019) and Abhivarta 2020 as a member of BITS-PILANI Cricket Team.

Subjects / Electives	Data Structures and Algorithms, Object Oriented Programming, Operating Systems, Digital Design, Basics of Computer Programming, Microprocessors and Interfacing
Technical Proficiency	C++ Language, C Programming, Java, JavaScript, Arduino UNO, Excel

AWARDS AND RECOGNITIONS

Merit certificate for 12th Board Exam. | Kendriya Vidyalaya Sangathan(KVS) May 2016
For securing 1st rank in 12th Board AISSCE in Science stream with 92.2%
Extraordinary Calculation Skills published | Hindustan Times, Dainik Bhaskar, Deccan Chronicle, Times of India. Sep 2006
Published in several national level newspapers for extraordinary mathematical calculation skills.

LANGUAGES KNOWN

Hindi, English