

Utsav Agarwal

Student

Hi, I'm a person who loves to learn about new stuff and innovative ideas and apply them in my life.



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📍 Bangalore, India

EDUCATION

B-TECH in Electronics and Communication PES University

08/2019 - Present

9.12

Class XII Candlewick Public School

04/2018 - 04/2019

93.6%

Class X Candlewick Public School

04/2016 - 04/2017

9.4

PERSONAL PROJECTS

NFC For Vehicles

- System built to check for unique identification number using RFID Card and checking for the available balance in their account and deducting the same from the account's holder and sending a message using GSM Module. Simulation were carried out in keil Simulator

Door Accessing System

- System built to allow access only to authorized person using RFID Card and sending a message to the management team using GSM module. Simulation were carried out in keil Simulator

Student Attendance System

- System built to check for student's unique identification number using RFID Card and sending a message to their guardian using GSM module ensuring safety of the student. Simulation were carried out in keil Simulator

Worked on designing area efficient layouts for digital circuits in cadence

- Designed various digital circuits. Simulation and analysis were carried out in Cadence Virtuoso.

Designed a 2x2 SRAM Cell

- Designed memory Cell along with all the peripherals required for read/write operations. Simulation and analysis were carried out in Cadence Virtuoso.

WORK EXPERIENCE

INTERNSHALA STUDENT AMBASSADOR INTERNSHALA

07/2021 - 09/2021

Embedded System and IOT Intern Oxymora Technology

06/2022 - 08/2022

Worked on various Micro-controllers and developed products as per client specifications

SKILLS

STM32

System Verilog

C Programming

Embedded C

Python

Verilog

Communication

Leadership

Matlab

Cadence Virtuoso

Keil

Xilinx

Questasim

ACHIEVEMENTS

Awarded Gold medal for academics

Certificate and Gold medal for being the topper of batch

MRD scholarship Certificate -2

Certificate and tuition fee waiver in recognition of academic performance

CERTIFICATES

Awarded Gold medal for academics

Certificate and gold medal for being the topper of the batch in school

Awarded Certificate for Scoring Highest marks in physics and chemistry

MRD Scholarship certificate-2

Certificate and tuition fee waiver in recognition of academic performance.

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

INTERESTS

Drawing

Badminton

Travelling

Music