# Navneet Kumar

**Indian Institute of Information Technology, Una**

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## Education

| Program | Institution/Board | %/CGPA | Year |
|---|---|---|---|
| B.Tech. (Electronics &Communication Engg.) | Indian Institute of Information Technology Una, Himachal Pradesh | **7.54/10** | 2020-2024 |
| 12th (Physics, Chemistry, Math) | Govt. Sr. Sec. School Sri Karanpur, Rajasthan | **75%** | 2019 |

## Experience

**1. Digi X Technology** **present**
*HTML, CSS, JavaScript, PHP* *Private Limited, West Bengal*

○ Working on Digi X Technology

## Projects

**1. Obstacle Detecting And Avoiding Car** **30-April-2022**
*C++, Arduino Interpreter Software*

○ Here we have worked on practical mode of obstacle avoiding or collision less vehicle.

○ The smart robot car has 2 DC motors and 2 infrared speed sensors, allowing accurate speed regulation of the 2 wheels.

○ It can be programmed via a simple LOGO interpreter embedded in one of the arduino's.

**2. Virtual Painter Using Hand Gesture** **25-Nov-2022**
*Python, Mediapipe, OpenCv*

○ We used OpenCv under Python to implement a prototype of the proposed body-gesture detection system.

○ The prototype operates in real time and indicates on the screen the detected gesture.

○ Using the binary image corresponding to the presumed skin pixels, we need to determine which of these form the body, meaning that we need to identify the edge of the hand shape in the image.

○ As future work, we plan to add in the gesture detection phase an estimate of the width of each finger.

**2. Personal Portfolio Website** **27-Nov-2022**
*HTML5, CSS, JavaScript*

○ Its a personal portfolio. That includes links to social networks and a great images.

○ Then the About Section displays more information about you. Then the list of Skills it offers.

○ It also has a section where it shows recent work. And at the bottom it has form, and at the end with a footer

## Technical Skills

○ Programming Language: C, C++, MATLAB, Python    ○ Web Technology: HTML, CSS, Javascript
○ Tools: Latex, Anaconda, Microsoft Office

## Achievements/Awards

○ Udemy – Python Introduction to Data Science and Machine Learning A-Z.
○ Udemy – HTML5– From Basics to Advanced level.