ADITYA RAJ

adityaraj800009@gmail.com | +91-9304543537 | patna,Bihar-801503

Linkedin | Geeksforgeeks

EDUCATION

THE LNM INSTITUTE OF INFORMATION TECHNOLOGY ,JAIPUR -302031   May 2020 - May 2024
B.Tech Electronics and communication Engineering   Jaipur,Rajasthan,India Cgpa: 7.35

PREMALOK MISSION SCHOOL,PATNA-800007   April 2017 - May 2019
12th Science   Patna,Bihar,India Percentage: 79.2%

MARWARI HIGH SCHOOL PATNA CITY -800008   july 2015 - aug 2017
10th   Patna,Bihar,India Percentage: 84.0%

EXPERIENCE

GROUP PROJECT | Hackathon(Hackcoming)   Devpost | Dec 3 2021 – 5 Dec 2021

SKILLS

Programming Languages	C, C++, Data Structure and Algorithm, OOPs, STL, CSS5, HTML3, Arduino, ubuntu
Libraries/Frameworks	Bootstrap, Vmware(virtual Machine)
Tools / Platforms	Vs code, Atom, Github, Notepad++, Sublime text, Eclipse, Cygwin, Windows environment

PROJECTS / OPEN-SOURCE

HAND SAFE | Link   Arduino UNO, PIR Motion Sensor, Servo motor, LCD

- Basic hand sanitizer using the tinkercad with Arduino,Lcd,PIR and servo motor .In this project i participated as a team with 4 members and we got a first prize . We built it using Tinker CAD online simulator, where we used Arduino Uno R3 as the brain of our project which communicates with the PIR (Passive Infra-Red) Motion Sensor and checks whether there was movement in front of the sensor or not. If it detects some motion, then the Arduino rotates the 5V Micro Servo motor by 90 degrees such that it pushes the lever of the sanitizer dispenser. It does so for 3 seconds and then returns back to its original state. We're using a Liquid Crystal Display for display information like whether it detected a hand or not, or the duration for which the sanitizer is being dispensed.

CERTIFICATIONS

- public speaking - udemy
- CCBP 4.0 TECH COMMUNITY - NxtWave
- MySQL - Sololearn
- Python core course - Sololearn

HONORS & AWARDS

- Got 1st prize on MLH Hack Coming (Dec 3 2021 - Dec 5 2021)
- Qualified PRMO(Pre- Regional Mathematical Olympiad) and selected for RMO(Regional Mathematical Olympiad).(2017-2018)