Maunesh Solanki

mauneshsolanki@gmail.com
+91 9664976998
Ahmedabad

EDUCATION

Bachelor of Engineering (B.E), Electronics and Communication
Silver Oak College Of Engineering And Technology
2016 - 2020
CGPA: 7.80/10

Senior Secondary (XII), Science
St. Xavier's High School, Mirzapur
(GSEB board)
Year of completion: 2016
Percentage: 53.00%

Secondary (X)
NEST PUBLIC SCHOOL
(GSEB board)
Year of completion: 2014
Percentage: 84.50%

INTERNSHIPS

IoT Trainee FYP
Silver Touch Tech Labs, Ahmedabad
Jul 2019 - Mar 2020

I worked on various IoT protocols & Microcontrollers such as Arduino UNO, NodeMCU, Octabricks & Raspberry Pi microprocessor. I created an AUTONOMOUS VEHICLE WITH AID OF COMPUTER VISION as a part of my internship.

POSITIONS OF RESPONSIBILITY

Student coordinator of Pin Cherry club from 2017-2020.

I've coordinated Technical events in my College's Tech Fest 2 times in a row.

I've coordinated Explore Engineering event in college for 1st year students for 8 days & taught them the basics of Microcontrollers.

Project leader in Autonomous Vehicle with Aid of Computer Vision in Finap year project.

TRAININGS

Data Science
Internshala Trainings, Online
May 2020 - Jun 2020

Successfully completed a six weeks online certified training on Data Science. The training consisted of Introduction to Data Science, Python for Data Science, Understanding the Statistics for Data Science and Predictive Modeling and Basics of Machine Learning modules. In the final assessment, I scored 73% marks.

PROJECTS

Autonomous Vehicle with Aid of Computer Vision

Sep 2019 - Aug 2020

https://github.com/maunesh09/Autonomous-Vehicle-with-The-Aid-of-Computer-Vision

After receiving the path no from mobile vehicle checks for any obstacles in its path & after that starts following it automatically & steers it self to remain on path using Cam feeds

Autonomous Vehicle without Computer Vision

Dec 2019 - Mar 2020

https://github.com/maunesh09/Autonomous-Vehicle

An autonomous vehicle which doesn't require Computer vision. Takes path no via Bluetooth from mobile;Using Ultrasonic it finds obstacles & avoids them. Uses Magnetometer to steer it self autonomously while driving.

Waste Management System

Mar 2019 - Mar 2019

https://github.com/maunesh09/Waste-Management-System

Checks the level of dustbins & shows on dashboard & sends alert messages to the Authorized person when certain threshold limits are reached.

Gesture Based Game Controller

Sep 2018 - Sep 2018

https://github.com/maunesh09/Gesture-Based-Game-Controller

Using the Accelerometer of smart phone we can give gesture inputes & based on that the device will make movements in Game on the PC.

Smart Lab

Feb 2018 - Feb 2018

Turned the ordinary lab of college into automated lab by connecting the lab appliances to internet(IoT) & controlling them from Smartphones.

Smart Attendance System

Jan 2018 - Jan 2018

Each students were given their Unique RFID tags. Based on the tag the system identifies the particular student & marks attendance of the day.

Smart Lock

Sep 2017 - Sep 2017

Created a motorized lock system which uses anique RFID tags as keys to lock & unlock the door.

Automatic College Bell

Aug 2017 - Aug 2017

https://github.com/maunesh09/Automatic-College-Bell

Created a system which rings the bell automatically at the end of each periods with respect to the time & day i.e. Normal days or Exam. In case of exams it rings bell according tp the Subject's required time as well.

SKILLS

Arduino

Intermediate

Raspberry Pi

Intermediate

Embedded Systems

Internet of Things (IoT)

Intermediate   Intermediate

C Programming   **Circuit Design**

Intermediate   Beginner

Computer Vision   **Image Processing**

Beginner   Beginner

MS-Office   **OpenCV**

Beginner   Beginner

WORK SAMPLES

Other portfolio link

https://www.linkedin.com/in/maunesh-solanki-831a04132

GitHub profile

https://github.com/maunesh09

ADDITIONAL DETAILS

Participated in Grand Finale of Smart India Hackathon 2019.

Amongst the Top Rank holder throughout the Academics.