

EDUCATION

Nirma University

2016 - 2020

B.Tech - Information Technology | CGPA: 7.20 / 10.00

Nirma University

2016 - 2020

Minor specialization - Finance | Aggregate: 8.00 / 10.00

12th | GSEB | Aggregate: 78.00 / 100.00

2016

10th | GSEB | Aggregate: 82.00 / 100.00

2014

INTERSHIPS

Minddeft technologies

June 1, 2018 - July 10, 2018

Key Skills: Ethereum Blockchain Smart contract

Implemented the modernized Car auction system using Ethereum smart contract.
Presented the prototype for blockchain application in Healthcare.

Silverwing Technologies Pvt. Ltd.

July 1, 2017 - Aug. 27, 2017

Key Skills: CSS HTML PHP Bootstrap

I worked as an intern for the role of "Web Designer" and completed the internship consisted of Web Designing and Project Deployment with Silverwing Technologies Pvt. Ltd.

PROJECTS

Remote Image Capture and Object Detection

April 20, 2019 - May 30, 2019

Mentor: Vijay Ukani | **Team Size:** 2

Key Skills: Mqtt Raspberry Pi FTP Python OpenCV

This was a wifi based system in which a user can request an image capture query over MQTT and the Rpi captures the image of the scene which it sends to the server using FTP. At server a pre-trained object detection model creates a new image with bounded boxes and sends this to the user. This was completely meant to understand wireless communication architecture that involved heavy computer vision models to be deployed on server.

Implementing Home Automation

Feb. 15, 2019

Mentor: Prof Vijay Ukani | **Team Size:** 3

Key Skills: Mqtt Finance network architecture Electronics IR

This is an ongoing project accepted and funded by Nirma University under Idea Lab for the financial year 2019-20. We are developing an economic yet easier home automation system meeting with the needs of upcoming technologies.

Implementing Public Transportation using IoT

Jan. 1, 2019 - May 10, 2019

Mentor: Dr. Gaurang Raval | **Team Size:** 2

Key Skills: Mqtt Wireless Sensor Networks Machine Learning Sensors Raspberry Pi

We used R-Pi and different sensor to gather different type of data of a public vehicle and sent the data with their timestamp to the base station and took real time decisions based on the data.

Stock market prediction in Deep Learning

Jan. 1, 2018 - Dec. 10, 2018

Mentor: Prof Pronoya Bhattacharya | **Team Size:** 1

Key Skills: Python Deep Learning Machine Learning Financial Markets

Identified the motivators in financial markets and created deep learning model to attain an effective accuracy for the approach.

ASSESSMENTS / CERTIFICATIONS

FUNDAMENTALS OF DEEP LEARNING FOR COMPUTER VISION

We implement common deep learning workflows such as Image Classification and Object Detection and experiment with data, training parameters, network structure, and other strategies to increase performance and capability.

SEMINARS / TRAININGS / WORKSHOPS

Information and Computer Security

May 20, 2019 - July 12, 2019

Institute Name: Institute of Technology - Nirma University

Key Skills: Cisco Packet Tracer Encryption Networking Routing Protocols

we developed techniques to identify and avoid cryptographic programming errors that can leave systems vulnerable. We also analyzed implementing existing security protocols and examines their potential flaws. Secure programming techniques, and topics like SQL injections and buffer overflows, were also covered.

Risk Analysis in Software Development.

Jan. 1, 2018 - May 10, 2018

Institute Name: Institute of Technology - Nirma University

Key Skills: Risk Analysis

In this research based seminar conducted under the HoD, I identified risks in software development and did quantitative and qualitative risk analysis. I also proposed different risk mitigation techniques.

Gesture Robotics Workshop

Aug. 27, 2016 - Aug. 28, 2016

Institute Name: Indian Institute of Technology, Bombay

Key Skills: Arduino Motors Accelerometer gyroscope Bluetooth

In the workshop we created a motorized vehicle and controlled the movement of the vehicle with the gesture of our palm using gyroscope and a bluetooth connection.

IMs

- WhatsApp - 9409420166

PERSONAL DETAILS

Gender: Male

Marital Status: Unmarried

Current Address: 9 Jeevandeep Society, Nr Navrang circle, Navrangpura, Ahmedabad, Ahmedabad, Gujarat - 380014

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