

Shariq Nehal

Third Year B.Tech
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Indian Institute of
Information Technology, Nagpur

EDUCATION

Indian Institute of Information Technology, Nagpur B.Tech in Electronics and Communication Engineering;	2017 - 2021*
senior secondary Narayana Jr College (State Board)	2017
Secondary School St Joseph school, Kurnool (CBSE)	2015

INTERNSHIPS

Industrial Internship - BSNL (Bharat Sanchar Nigam Limited) <i>A Government of India Enterprise (Regd.no-11190218)</i>	June 2019 - July 2019
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PROJECTS

OTP based Smart Wireless Locking System(IOT) : Built an access control system based on otp is proposed to complement the drawbacks of the user authentication mechanism such as digital door lock and mechanical door lock based.The OTP is generated and sent to the users mobile phone whenever the user request to access facility. The proposed system can solve the problems of loss or theft in conventional access control system.

Face Recognition Using OpenCV : Built a model using face and eye harcasade features to detect human face and eyes in real time.

Digital Alarm Clock on FPGA : Simulated an Alarm clock using xilinx software

Object Detection: Aim of the project is to detect objects of specific kind, implemented using Matlab.

TECHNICAL SKILLS

Programming Languages: C, Matlab, Python
Hardware Description Language: Verilog, VHDL.
Scripting languages: HTML, CSS, XML, PHP
Hardware Platforms: Aurdino, 8051 ,8085
Database: SQL.
Platforms: Linux,Windows,Adobe

CERTIFICATIONS

Telecommunication BSNL	July 2019
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COURSEWORK

Academic Courses :

Signal and System, Digital Signal Processing, Analog ICs, Electromagnetics
Microprocessors, Computer Systems Architecture and Organization, Wave Guides and Antenna
Wireless Communication, CMOS Design, Digital Image Processing
Satellite Communication, VHDL, IT Workshop
Numerical Analysis, Calculus, Algebra, Probability and stats
Robotics, Neural Networks, Deep Learning, BioMedical

AREAS OF INTERESTS

Machine Learning, Artificial Intelligence.
Embedded Systems.
Web Development
VLSI
Adobe Photoshop
Neural Networks and Deep Learning

ACHIEVEMENTS

selected for state level competition in swimming
winner of Vyaktitva (personality contest) - Mr. Abhivyakti (2K18)

EXTRA CURRICULAR ACTIVITIES

Co-Head of Photography Team in Tantrafiesta
participated in Institute Gathering - Table Tennis
swimming
photography