Mayur Vithal Dongre

Third Year UnderGraduate (6th Sem)
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Indian Institute of
Information Technology, Nagpur

EDUCATION

Indian Institute of Information Technology, Nagpur *2019 - 2023*
B.Tech in Electronics and Communication; GPA: (7.83/10)

Anglo Urdu High School and Junior College,Pune *2017-2019*
Senior Secondary (MSBSHSE); (75.6%)

S.B.O.A Public School *2016-2017*
Secondary (SSC); (94.8%)

TECHNICAL SKILLS

Programming Languages : Python, C, C++, Assembly Language.

Libraries/Tools : Pandas, Numpy, Matplotlib, Seaborn, Scikit-Learn ,GIT, Excel, LaTeX.

Hardware Descriptive Language : VERILOG , VHDL.

Platform : Visual Studio, Linux, Anaconda.

Design Tools : Synopsys VCS, Synopsys Spyglass, Microwind, Xilinx Vivado, Xilinx ISE ,LTSpice, NGSpice, PSpice, CADFEKO , GTKWave.

Software Packages : OCTAVE, KEIL, MATLAB, Wavedrom, VIM, Linux, GNUSIM8085, NI Multisim, PROTEUS ,Webots, ROS.

TRAININGS/CERTIFICATIONS

❂Python For Everybody(Coursera)

❂Git and Github(Google)

❂VSD Circuit Design and Spice Simulations(Udemy)

COURSEWORK

Computer Programming, Data Structures, Digital Image Processing , Robotics , CMOS Design, Hardware Description Languages, Digital Electronics,IC Fabrication, Microprocessors and Interfacing, Computer Architecture, Analog and Digital Electronics, Embedded Systems, Waveguides and Antennas, Analog and Digital Communication, Wireless Communication, Signals and Systems, Computer Programming, Network Theory, Analog ICs, Control Systems, Electromagnetics

PROJECTS

⬤Harry Potter Cloak using Python (Computer Vision)

⬤Obstacle Avoider And Path Finder Robot using Sensors (Robotics)

⬤28T Full Adder using 28nm CMOS Technology(CMOSDesign)

⬤Mixed Signal 3 Bit Wallace Multiplier(CMOSDesign)

RELEVANT INTERESTS

Data Analysis , Machine Learning , Data Science , AI ,Computer Vision , Robotics , IOT ,VLSI , CMOS Design, Microprocessors and SOC.

Analog and Digital Electronics.

CAMPUS ACTIVITIES

Member of Event Management and Corporate Relations Abhivyakti 2020, Cultural fest of IIIT Nagpur

Marketing Team Member for Abhivyakti and Tantrafiesta 2019 , cultural and technical fest of IIIT Nagpur.

ACHIEVEMENTS

GATE 2022 Qualified

NTSE Stage 1 - Rank 35

LINKS

 https://github.com/dongremayur777

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