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| YASH PATEL |

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| Objective | Looking for opportunities to enhance my skill and knowledge. |
| Skills | Programming languages: C, C++, Verilog  Software: basics of KEIL, MATLAB, SCILAB, MULTISIM, QUARTUS |
| Projects | Bidirectional visitors counter  * This is done using basics concept of digital electronics. * Up-down counter is used to count appropriate number according to detection of entry and exit of person by IR sensor module.  Path follower and obstacle avoider robot  * Interfacing of ultrasonic sensor, color sensor, servo motor with the Arduino. * This robot follows the specific color and obstacles are avoided by working and mechanism of ultrasonic sensor and servo motor.  Design and implementation of GUI and hardware interface for data acquisition of 64 channels of LHCD (Lower hybrid current drive)  * For confinement of plasma power is directed from different 64 channels. Raspberry pi is used as an intermediate device. * Data is read by network of ADCs and decoder and then mapped according to ideal characteristics to obtain power and phase of the signal. Collected data is displayed on GUI, stored in an excel file and transfer to another computer for distant monitoring. |
| Education | Dharmsinh Desai University – Nadiad – B.Tech Year of completion: May, 2018  Electronics and Communication Engineering (CPI: 8.06) Akshar Jyoti High School – Surat – HSC Passing Year: March, 2014  GHSEB (PR: 70.61%) Shishu Vihar Vidhyalaya – Surat – SSC Passing Year: March, 2012  GSEB (PR: 82.80%) |
| Area of interest | Digital Electronics, Embedded, VLSI |
| References | Dr. Prarthan D. Mehta Associate professor, Department of electronics and communication engineering  Faculty of Technology, DDIT |

**Declaration**

I hereby declare that the above mentioned information is true to the best of my knowledge.

**YASH PATEL**