PRANKUR VERMA

Contact: +91- 8077 828 826
E-mail: vprankur@gmail.com

OBJECTIVE:

Seeking a research internship to apply my learned skills and in the process build a career which is intellectually challenging and personally rewarding while gaining experience on the field.
I would like to delve deeper into analog designing and VLSI would be an ideal precursor to a career in research of the same.

EDUCATION:

2015-Present	B.Tech in Electronics & Communication Engineering *JSS Academy of Technical Education, Noida*
2013-14	Intermediate 10+2 (Aggregate: 90%) *DMA-1-affiliated to CBSE*
2011-12	High School (Aggregate: 95%) *DMA-1-affiliated to CBSE*

ACHIEVEMENTS:

2018	Runner up in finals of National e-Yantra Robotics Competition-2017 *Conducted by IIT Bombay, sponsored by MHRD through NMEICT*
2015	1st position in Science project demonstration *CNC plotter using IOT device Arduino*
2011	3rd position in the National Convention on Students Quality Control Circle(QCC) *Held at Lakshmi Vidhya Sangham, Madurai*

SKILLS SUMMARY:

Programming - Python, C, C++, VHDL;
Technical - MATLAB & SIMULINK, OrCAD, Express PCB, ROS;
Creative - Blender, Adobe: Photoshop, Illustrator, After Effects; Macromedia Flash;
OS - Windows, Ubuntu, Mac, VMware

ACADEMIC PROJECTS:

Mini Projects:

1. 8085/8086 Microprocessor assembly language programming
2. Arduino :
    a. PID controller
    b. Interfacing MPU 6050 Gyro sensor
    c. Interfacing Bluetooth module
    d. Temperature sensor using Thermister

e. Relay controller
f. Digital Ammeter
g. Smoke detector using MQ2 sensor

Major Projects:

1. CNC Plotter using Arduino
2. Image processing using Raspberry pi
3. AR drone control through Robotic Operating System
   (Whycons, Turtle bot, Gazebo,)
4. Arduino: Feedback controlled propeller arm
5. Sudoku solver using MATLAB Image processing toolbox.

DECLARATION:

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

Prankur Verma