**PRANKUR VERMA**

Contact: +91- 8077 828 826

E-mail: [vprankur@gmail.com](mailto:vprankur@gmail.com)

Github: @prankurverma

LinkedIn: @prankur-verma

**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, Embedded C;

**Technical** - MATLAB & SIMULINK, ROS (Robotic Operating System), OrCAD, Express PCB;

**Creative** - Blender, Adobe: Photoshop, Illustrator, After Effects; Macromedia Flash;

**OS** - Windows, Ubuntu, Mac, VMware;

**Subjects** – DSP, Digital Logic Design, Signals and Systems, Data Structure

**ACADEMIC PROJECTS:**

Mini Projects:

1. Arduino/MSP430(Texas Instruments):
   1. PID controller
   2. Interfacing MPU 6050 Gyro sensor
   3. Interfacing Bluetooth module
   4. Temperature sensor using Thermistor
   5. Hand-Gesture stimulated Screen
   6. Relay controller
   7. Digital Ammeter
   8. Smoke detector using MQ2 sensor
2. 8085/8086 Microprocessor assembly language programming

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, )

1. Arduino: Feedback controlled propeller arm
2. 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*