Nakul Garg

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OBJECTIVE   *To create "things" that can solve noteworthy problems of mankind.*

EDUCATION

Course	College/School	Passing Year	Pass Percentage
B.Tech, ECE	Bharati Vidyapeeth's College Of Engineering, Delhi	2018	68(upto 5th Sem)
CBSE 12th	Saint Mark's Sr. Sec. Public School	2014	90
CBSE 10th	Saint Mark's Sr. Sec. Public School	2012	82

PROJECTS

1. Aerial Surveillance Quadcopter
2. Touch Based Home Automation
3. IOT based Temperature Logger
4. Li-Fi
5. FireBird V based Mars Rover Navigation and 3D Modelling
6. Raspberry pi based Personal Cloud Storage
7. Anti Car Theft System with SMS alert app
8. FireBird V based Puzzle Solving Robot
9. XBee based Swarm Robotics
10. Computer Vision for Self Driving Car
11. Rubik's cube Solver
12. Propeller Clock
13. Wireless Odometer
14. Automated Surveillance System
15. AVR based Propeller Display

TRAINING AND INTERNSHIP		
	• Prismart Productions - Robotics Executive	Sept'16-April'17
	• STEM Education in INDIA	Dec'16-Jan'17
	• IOT Deployment, by Texas Instruments	Aug'16-Sept'16
	• Fabless IC Design	June'16-Aug'16
	• Spartan-6 FPGA	June'16-Aug'16
	• IQB Solutions - Technology Intern	Sept'15-May'16
	• Embedded Systems, by IQB Technologies	May'15-Sept'15
	• PCB Designing, by IQB Technologies	May'15-Sept'15
	• Computer Vision Training	June'15-July'15
	• Electronics, A series of workshops by Cool Junk	May'10-Sept'14

RESEARCH PUBLICATIONS

1. Waiting for result of CSI National Student Project Awards 2017

TECHNICAL SKILLS

- C/C++
- Python
- Matlab
- Raspberry Pi
- Arduino
- FireBird V
- Latex
- Xctu
- Putty
- Xming,ModelSim
- Verilog,VHDL
- FPGA Spartan-6
- Embedded C (AVR,TI,8051)
- esp8266,nodemcu
- KK2 Multicopter
- Pixihaux, APM 2.6/8
- 555 timers, opamps

AWARDS AND ACHIVEMENTS

- All India 1st in eYantra Robotics Competition 2017 at IIT BOMBAY
- All India 2nd in eYantra Robotics Competition 2016 at IIT BOMBAY
- Ranked 44 in IEEE XTreme Hackathon 2016
- 1st in Robotron TechMarathon'15, DDUC, Delhi University
- Among top 6 in National CBSE Science Exhibition 2013
- 4th in International Level Quanta, CMS School, Lucknow, 2013
- 1st in Regional level CBSE Science Exhibition 2012
- 1st in Annual School Science Exhibition 2011
- 1st in Annual School Science Exhibition 2010
- 2nd in Annual School Science Exhibition 2009

SOFT SKILLS	1. Team Work and Leadership 2. Time Management 3. Efficiency Deployement

EXTRA CURRICULUR ACTIVITIES	• Analysing Human Behaviour and Neural Networks

CO-CURRICULUR ACTIVITIES	1. Head Research and Development, BVPIEEE-RAS	Aug'15-May-16
	2. Vice-Chairperson, BVPIEEE-RAS	Aug'16-May-17
	3. Head Technical Affairs, RAU	Aug'16-May-17
	4. Event Manager, Fervour'16	
	5. Event Manager, BVEST'16	

PERSONAL DETAILS	Father's Name	Sunil Kumar Garg
	Mother's Name	Kavita Garg
	Sex	Male
	Date of Birth	22/08/1996
	Nationality	Indian
	Martial Status	Unmarried

REFERENCES	1. Name : Dr. Kirti Gupta Desig: Professor, ECE Department Email: kirti.gupta@bharatividyapeeth.edu 2. Name : Mr. Abhishek Gagneja Desig : Assistant Professor, ECE Department Phone:$+91 - 99711 - 22557$ Email: abhishek.gagneja@bharatividyapeeth.edu

DECLERATION	I hereby declare that the above written particulars are true to the best of my knowledge.
DATE	24 April 2017