

Resume

Rishabh Raj

B.E in Electrical Engineering
Junior Undergraduate
University Institute of Engineering
Chandigarh University
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Education

Course	Institute	Percentage	Year
Bachelor of Engineering	Chandigarh University	8.91 CGPA upto 3rd sem	2016-2017
12th	Birla Vidya Mandir Nainital	90.80	2014
10th	Countrywide Public School Bageshwar	10.0 CGPA	2012

Area of Interests

- Renewable Energy Projects
- Optimizaiton Techniques
- Robotics
- Automation
- Smart Grid
- Zeal to learn new softwares like ETAP, Microsoft Robotics Studio, Autocad Eagle, Ansys Electromagnetics Suite
- Innovative electrical and electronics projects

Project and Competitons

- Secured 2nd rank in eYantra Robotics Competition finals held at IIT bombay 2016 organised by MHRD and IIT Bombay in March 2017
- Ongoing work over the patent of Resistive Blower Protection and would be filed by end of April 2017
- Research paper published on Home Automation using 8051 and Bluetooth module in International Conference on Systemics, Cybernetics and Informatics (ICSCI 2017) held at hyderabad from 9th-12th march 2017
- Made a project on Highway Street lights saving through PIR sensor
- Made a Battery Eliminator Circuit(BEC) 220V to 5-12V variable
- Secured 1st position in Abdul Kalam Innovation Conclave competition in our department in our university 2017
- Has attended and is continuously attending various certified IEEE Webinars on topics like SMART GRID and others
- Qualified for national level home automation competition at Hyderabad, selected at regional level organized by Skyfi labs, Roboversity, an alumnus of IIT Kanpur 2015-16

Research Experience / Training

- Attended 2 days workshop on home automation by Skyfi labs, Roboversity
- Has attended 1(one) month of institutional training in May-June(29th May-24th June) 2016 on electronics and also successfully made a 5 V dc regulator

Technical Skills

- Comfortable and experienced of using both Linux (Ubuntu) and windows
- Has a good experience in programming in
 - C
 - C++ C embedded
 - Python
 - Image Processing in NumPy and OpenCV
- Experience in using numerical computation software: MATLAB
- Comfortable and experienced in LABVIEW by NI
- Experience of software like:
 - AutoCAD 2011
 - Proteus Design suite 11.0
 - NI Multisim
 - Google sketchup 2016

Co-curricular Activities

- Attending Seminars and Webinars
- Workshops
- Intercollege level Educational Competitions

Extra Co-curricular Activities

- Member of International Association of Engineers (IAENG)
- Successfully coordinated national science day competitions 2016 in our university
- Successfully coordinated tech fest of our university 2016

Personal Details

- Father's Name : Mr.Rajeev Nigam
- Mother's Name : Mrs. Rakhi Raj
- D.O.B : 10-July-1997
- Nationality : Indian

Declaration

I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief and I undertake to inform you of any changes therein, immediately.