



Surya Kazipeta
Electrical Engineering
Indian Institute of Technology, Bombay
Specialization: None

100070055
UG Third Year (B.Tech.)
Male
DOB: 22/05/1992

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2013	9.33
Intermediate/+2	Board of Intermediate Education, A.P.	Narayana Junior College	2010	95.60
Matriculation	Board of Secondary Education	St.Gabriel's High School	2008	89.70

Scholastic Achievements:

- Ranked 519 in IIT-JEE 2010 out of the 450 thousand students who appeared for the examination.
- Ranked 1604 in AIEE 2010 out of a million students who appeared for the examination.
- Awarded Sir C.V. Raman Young Genius Award for securing National 5th rank in NLSTSE 2006.
- Secured State 2nd rank in Kwest SLSTSE and received a cash prize of ₹ 2000. 2008

Academic/Research Projects:

- Ground Penetrating Radar: *Summer 2012*
 Guide: Prof. Girish Kumar, EE, IITB.
 - Studied the working of a Continuous Wave Ground Penetrating Radar (GPR).
 - Built and enhanced on the existing GPR.
 - Presented a paper on GPR in the UG Research Symposium held at IIT Bombay.
- Traveling Message Display on LED matrices using FPGA board: *Spring 2012*
 Guide: Prof. M.B. Patil, EE, IITB.
 - Programmed an FPGA board in Verilog.
 - The LED matrices can display characters scrolling at user defined speeds.
- Bloxorz: *Autumn 2010*
 Guide: Prof. D.B. Phatak, CS, IITB.
 - Simulated a computer game called Bloxorz using C++ and EzWindows.
 - Worked in a team of 8 members.
- Working of a cordless phone: *Spring 2011*
 Guide: Prof. J. Vasi, EE, IITB.
 - Opened a cordless phone and studied its working.
 - Submitted a report on the subject.

Internships:

- Purple.com: *December 2012*
 - Made the website 'social' where one user can follow another user and share their activity.
 - Worked on enhancing the performance of the website.
- Skientia: *May-July 2012*
 - The internship involved micro-controller and FPGA programming.
 - Also worked on GPS interfacing with Arduino.

Positions of Responsibility:

- Elected as System Administrator of Hostel 8, IIT Bombay for the academic year 2012-13.
- Elected as Literary and Debating Secretary of Hostel 8, IIT Bombay for the academic year 2012-13.
 - Organized various intra-hostel competitions.
 - During my tenure, Hostel 8 secured 2nd place among the 14 hostels at IIT Bombay in Debate General Championship.
- Served as School Pupil Leader for the academic year 2007-08.
 - Lead a team of 24 students known as School Cabinet which was responsible for the sports, cultural, social, technical etc. activities organized at the school.
 - Founded and convened two clubs called Quiz club and Science Club which saw a participation of about 100 students.

Technical Skills:

- OS: Linux-Ubuntu, Windows.
- Programming Languages: C++, Python, PHP, Java, Arduino etc.
- Markup Languages: JavaScript, CSS, HTML.
- Other software: Office, Photoshop, MATLAB, LTSpice, LabVIEW, Eagle etc.

Extra-curricular Activities:

- Made an Android App called MapIt! In 24 hrs as part of a hacking competition organized by Yahoo! *August 2012*
- Served as Organizer for Events in Techfest, IIT Bombay's Technical Festival and as Coordinator in E-Summit organized by Ecell, IIT Bombay.
- Awarded Certificate of Participation in the winter workshop on technical skills conducted by STUDE Club at IIT Bombay. *Jan 2011*

Key Courses:

Signals and Systems, Communication systems, Systems and Control, Control Systems and lab
Analog electronics and lab, Digital electronics and lab, Microprocessors and lab
Linear Algebra, Probability & Stochastic Processes, Complex Analysis, Network Theory
Electrical Machines and Power Electronics, Electromagnetic Waves, Digital Signal Processing