



Soorya Suresh Babu
Mechanical Engineering
Indian Institute of Technology, Bombay

100100088
UG Second Year
Female
DOB: 24th Apr 1992

| Examination | University | Institute | Year | CPI / % |
|-----------------|------------|-------------------------------------|------|---------|
| Graduation | IIT Bombay | IIT Bombay | 2012 | 7.93 |
| Intermediate/+2 | CBSE | Vidyamandir Senior Secondary School | 2009 | 88.60 |
| Matriculation | ICSE | Trivandrum International School | 2007 | 93.43 |

SCHOLASTIC ACHIEVEMENTS

- Achieved All India Rank of 423 in IIT JEE 2010
- Secured All India Rank of 413 in AIEEE 2010
- Received the George. M.Thomas scholarship while at school (2004-'07)

PROJECTS

- Was part of a 4 member team that built a remote controlled racing robot which ran in the F1 event conducted by TechniC Club, IIT Bombay, in 2010
- Was part of a 4 member team involved in making a line following autonomous robot using IR sensors for the Line Follower event conducted by TechniC Club, in 2010
- Developed a visual representation of the Tower of Hanoi problem, using C++ and fltk libraries under the guidance of Prof. R.K.Joshi(Department of Computer Science and Engineering)

POSITIONS OF RESPONSIBILITY

- Was the School Vice-Captain during Standard 10(2006-'07)
- Worked as a Coordinator for Omniscience-The quizzing fest of IIT Bombay and the largest of its kind in India at the collegiate level
- Worked as an Organizer during Techfest 2010 for Exhibitions department. Was responsible for managing an entire stall which involved helping the exhibitors in setting up the stall and explaining the working of the exhibit
- Worked as a Coordinator for Competitions and Informals for Mood Indigo 2011
- Helped to conduct the 25th year reunion of hostel alumni in December 2010

SOFTWARE SKILLS

- Programming Languages: C++, Java
 - Proficient with Microsoft Office
 - Working knowledge of MATLAB and Adobe Photoshop
 - Operating Systems: Windows, Ubuntu
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EXTRACURRICULAR ACTIVITIES

- Completed the Advanced Track Programme of the online course “Introduction to Artificial Intelligence” conducted by Dr. Sebastian Thrun and Dr. Peter Norvig of Stanford University
 - **Quizzing:** Active participant in all Inter-Hostel quizzing events. Achieved 3rd position in the Niche Quiz at Malhar (St. Xavier’s) 2011
 - **Literary Events:** Enthusiastic participant in various Literary Arts events within the institute. Came 2nd in Rebuses during Freshiezza 2010
 - **Fine Arts:** Made a prize winning collage for Freshiezza 2010
 - **Sports:** Participated in State Level ICSE Aquatic Meet in 2004. Was part of the IIT Bombay team to the Inter-IIT Aquatic Meet held at IIT Roorkee in 2010. Completed Swimathon 2010. Achieved a yellow belt in Shotokan karate
 - **Music:** Plays the violin and keyboard
 - **Dramatics:** Took part in the play Q.E.D which was performed during Theatrefest 2010, IIT Bombay
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COURSES COMPLETED

- **General Courses:** Calculus, Linear Algebra, Differential Equations, Data Analysis and Interpretation, Introduction to Computer Programming and Utilization, Introduction to Chemistry, Modern Physics, Introduction to Electrical and Electronics Circuits, Economics, Reading Fiction
 - **Lab Courses:** Engineering Graphics and Drawing, Mechanical Workshop, Physics Lab, Chemistry Lab, Experimental and Measurement Lab
 - **Departmental Courses:** Engineering mechanics, Solid Mechanics, Engineering Metallurgy, Thermodynamics
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