

ANIRUDDHA N. SHIRAHATTI

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Education:

Master of Science – Electrical Engineering *Expected – Dec 2010*
Illinois Institute of Technology (IIT), Chicago.

Bachelor of Engineering (*First Class with Distinction*) – Electrical and Electronics *June 2007*
Vishveswaraiah Technological University, India.

Industrial Experience:

Associate Software Engineer, Robert Bosch India Limited *July 2007 – July 2008*

- Involved in the development of a configuration tool for automotive software modules of Autosar
- Designated as Module Lead, was responsible for leading three major modules
- Worked extensively on Open Architecture Ware scripting for Electronic Control Unit (ECU) .c and .h code generation and validation of the modules – DET, Watchdog manager and Watchdog interface
- Performed **Java** coding using the **Eclipse IDE** for the supporting functionalities in building the tool

Project Trainee, National Aerospace Laboratories, India *Jan 2007 – June 2007*

- Worked on the study of Discrete Cosine transform
- Performed **MATLAB** and **C** coding of algorithms for application of DCT to image and speech signals
- Implemented the Image Compression algorithm on the **TMS320C6X** processor

Experience:

Internet Media Developer, IIT Online Internet Services *Aug 2009 – Present*

- Involved in the editing and development of video lectures to help the IIT Student Community
- Development of web-content for Video lectures using Accordent and Adobe Photoshop

Technical Director, IIT Online Technical Services *Aug 2009 – Present*

- Involved in the recording of video lectures to help the IIT Student Community
- Monitor the console to control the camera movement and audio levels of the recordings

Skills:

<i>Languages</i>	C, C++, MATLAB, μp 80x85
<i>IDE</i>	MS Visual Studio, Code Composer Studio, Eclipse
<i>OS</i>	Windows 95/XP/Vista, Linux - Ubuntu
<i>Productivity</i>	MS Office (Word, Excel, Powerpoint and Outlook)

Achievements and Activities:

- Ranked in the **Top 5** of the graduating class of 2007 of the Electrical and Electronics Department at the M. S. Ramaiah Institute of Technology, Bangalore, India.
- **Award of Excellence** for scoring highest marks in ‘Object Oriented Programming in C++’ and ‘Advanced Mathematics’ during Under-graduation.
- Awarded **Scholarship** for qualifying in ‘Science Talent Examination’ conducted by the State Government of Goa, India.
- Student Member of **IEEE** (Chicago Section) and Board Member of IEEE IIT Student Chapter.

Projects:

For a detailed list of Projects, see <http://www.iit.edu/~ashiraha/projects>.