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INDIA

Anish Mangal

Education

2004 – 2008; *Bachelor of Electronics and Communication Engineering*
Netaji Subhas Institute of Technology (NSIT); Delhi University
Graduated First Class with Distinction (Highest Possible Honors)

Research and Working Experience

Technical Consultant at Paraguay Educa

Oct 2010 – Apr 2011 (Tentative); One Laptop Per Child, Paraguay

Volunteer Contributor to Sugarlabs and One Laptop Per Child

Jun 2010 – Present; Pippy (activity); Dextrose (distro); Sugar-core

Design Engineer at Freescale Semiconductor

Jul 2008 – Sep 2010; Verification, Silicon Validation & Modeling

Researcher at Center for Electronics Design and Technology, NSIT

2005 – 2007 (6 Semesters); Embedded Systems

Summer Intern at Department of Information Technology, Govt. of India

Jun 2007 – Aug 2007; Embedded Systems

Publication(s)

A. Mangal, D. Jindal, G. P. Srivastava. **Verifying Low-Power Implementation in SoCs Containing Multiple Power Domains.** *Prior-art Database; IPCOM000198312D, Aug – 2010*

Talks

A. Mangal, A. Sarwal. **Sugar: the sweet constructionist learning environment.** *In PyCon India 2010, Bangalore; Sep – 2010*

A. Mangal. **Python in the hardware world: MyHDL.** *In PyCon India 2010, Bangalore; Sep – 2010*

Awards and achievements

Distinctive Excellence, Atmel AVR Design Contest 2006 for Shaft Encoder

[1st, 1st, 2nd] at **Innovision** [*<year>*, *<year>*, *<year>*] @ **NSIT** for [Best original hardware, *<contest>*, *<contest>*]

Awarded **merit scholarship** at NSIT amounting to **full tuition fee waiver**

34th Rank in **CEE – 2004**, the annual entrance examination for admission to undergraduate programs in the **University of Delhi**

Projects

Extracurricular

Sugarlabs FOSS community building

Mentoring a group of students from various colleges to get involved in the Sugarlabs FOSS project

Co-founder of Innovation for Social Change

A non profit organization committed to the betterment of society through innovation

Amateur astronomy and Amateur Telescope Making (ATM)

Hand-figured an eight inch (diameter) f/7.4 parabolic mirror and built a Dobsonian telescope

Unconventional webcam (Lucky imaging) and DSLR Astrophotography

Public gallery @

Photography

Public gallery @