Sumit Sinha | 07CS1009

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EDUCATION

Program	Institution	%/CGPA	Completion
B Tech in Computer Science Eng.	Indian Institute of Technology Kharagpur	**8.73**	2011
XII	Hirendra Leela Patranavis School	**92**%	2007
X	Hirendra Leela Patranavis School	**94**%	2005

ACADEMIC ACHIEVEMENTS

- Ranked **177** out of 250,000 examinees in IIT Joint Entrance Exam. 2007
- Ranked **351** out of 600,000 examinees in AIEEE 2007
- Ranked **10** out of 150,000 examinees in West Bengal State Engineering Entrance Exam. 2007
- Received 'Special **Award** for Academic Achievement' from HLP School in 2007
- Awarded **Certificate of Merit** for being in top 1% in country at National Standard Exam. in Physics 2005-2006
- Awarded HPCL startup scholarship at IIT Kharagpur during the academic session 2007-2008

TECHNICAL SKILLS

- Languages : C, C++, JAVA, VerilogHDL, x86 Assembly, PHP, SQL
- Environments : Linux, Windows

PROJECTS

- Developed a **Blogging Application** and a **Resume-Builder Application** as part of the lab component in the course Database Management Systems (Spring 2010).
- Developed a **compiler** for a toy language similar to C (Autumn 2009).
- Designed a **16-bit CPU** using Verilog on FPGA under guidance of Prof. Dipankar Sarkar (Autumn 2009).
- Developed a **Student's Auditorium Management software** and **Supermarket Automation software** as part of lab component in the course Software Engineering (Spring 2009).

INTERNSHIPS/PROFESSIONAL EXPERIENCE

- Summer Internship, **Google R&D**, Bangalore, India   (May-July 2010)
  - Worked on '**Instaweb**', a service for webmasters, for speeding up their websites.
  - Implemented the modules on Dasher Zoo, Irdb Verification and BigTable in Instaweb Configuration Service.
  - Worked on the Instaweb frontend in Developer Console.
  - Implemented a Stubby API between Instaweb Configuration Service and Developer Console.
  - Successfully completed my OKRs and got all my code reviewed and checked in.
  - Reference : Mr. Sridhar Sundaram (Mentor)   Email Id: <ssundaram@google.com>

- Summer Internship, **TimeVision Infotech**, Kolkata, India   (May-July 2009)
  - Worked on '**Ynotshare**' <www.ynotshare.com>, a social utility that allows users to email the fun forwards they receive so that it can be published and enjoyed by all. I was involved in the creation of the first prototype.
  - Studied the architecture of the 'wordpress' blog and worked on the core database modules.
  - Implemented the email listener and parsing modules.
  - Designed the algorithm for effectively cleaning the contents of the mail.
  - Reference : Mr. Siddharth Goyal (Mentor)   Email Id: <sidgoyal@gmail.com>

EXTRA-CURRICULAR/CO-CURRICULAR ACTIVITIES

- Made 2 **working robots** in my first year at IIT Kharagpur.
- Worked in a team to win the **Bronze** prize in inter hall software development competition (Spring 2010).
- Awarded the **best speaker** at Inter House Debate in school (2003-2004).
- Awarded **1st prize** at an extempore competition in school (2002-2003).
- Interested in **Lawn Tennis**.