

## Abhishek Raj

### Education

*2012 - till date*

**Master of Technology (M.Tech.) in Computer Science**

Indian Statistical Institute, Kolkata

*2006 - 2010*

**Bachelor of Technology (B.Tech.) in Computer Science and Engineering**

Heritage Institute of Technology, Kolkata; GPA: 8.0/10

### Professional Experience

*Sep 2010 - Jul 2012*

**Asst. Systems Engineer** - Tata Consultancy Services (TCS)

*Summer 2008*

**Research Intern** at Indian Institute of Management (IIM) Calcutta, Dept. of Management Information Systems

### Computing Skills

*Languages*

Java, PHP, Microsoft .Net, C, C++, HTML, UNIX Scripting

*Database*

Oracle, MySql

*Packages*

MATLAB, PSpice

### Major Projects

*Jul 2009 - Aug 2010*

**CASINO** (Cost-efficient Algorithm for Spine Identification in Networks with Obstacles) - Indian Institute of Management (IIM) Calcutta

Guide: Prof. Parthasarathi Dasgupta and Prof. Debashish Saha (IIM Calcutta)

*Apr 2009 - Jul 2009*

**NoPrep** - An online exam simulation tool developed using .NET framework where test takers need not take any preparation for the test since the questions will be framed dynamically by learning users' interests from their past activities on the Web and Social networks, CMC Academy

*Dec 2007 - Apr 2008*

**IQ (Internet Quotient)** - A heuristic online application developed using PHP (CodeIgniter) for rating users in terms of their effectiveness of browsing the World Wide Web.

### Awards and Recognitions

- Won TCS sponsorship to attend IEEE ANTS 2010 held at IIT Bombay
- Secured 1st rank in my college in freshman year during B.Tech. in 2007
- Secured 4th rank in Sainik School Tilaiya admission test conducted statewide by the Indian Ministry of Defense in 1998

### Publications

- Abhishek Raj, Debashish Saha and Parthasarathi Dasgupta, "A Cost-efficient Algorithm for Finding Connected Dominating Sets in Static Wireless Ad Hoc Networks with Obstacles", Presented in the Fourth IEEE International Conference on Advanced Networks and Telecommunication Systems (ANTS), IIT Bombay, Mumbai, December, 2010.
- B.Tech. Thesis, Title: *CDS-Based routing in Wireless Ad Hoc Networks*