

## Rahul N Rana

4<sup>th</sup> year B.Tech, Computer Science & Engineering  
IIT Madras

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### Education

2010-14	Indian Institute of Technology, Madras Bachelor of Technology, Computer Science & Engineering	8.52/10
2010	12 <sup>th</sup> (Senior Secondary Examination) Central Board of Secondary Education	85%
2008	10 <sup>th</sup> (Secondary Examination) Central Board of Secondary Education	92%

### Internships & Trainings

Jun-Jul'13	<b>Web Development Intern, XYZ Ltd. , Mumbai</b> <ul style="list-style-type: none"><li>• Backend development of a new portal using LAMP stack &amp; CodeIgniter framework</li><li>• Wrote a crawler to parse through a pre-defined set of ~1 Mn web pages a day</li><li>• Wrote a script to analyze the parsed data and insert it in portal database</li><li>• Awarded <b>The Best Intern</b> out of 35 interns by the CEO of the company</li></ul>
Dec'12	<b>Research intern, Carnegie Mellon University, USA</b> <ul style="list-style-type: none"><li>• Underwent a 4 weeks training on research methodology, tools &amp; techniques</li><li>• Worked on a project in the field of <b>speech technology</b> to auto finish an unfinished musical piece</li><li>• Used Hidden Markov Model &amp; Principles of Music Theory</li></ul>
Jun-Jul'12	Six weeks CEH (Certified Ethical Hacker) training & certification
Nov'11	Attended a 2 days workshop on HTML5

### Academic Projects

Aug-Dec'12	<b>Handwritten Digit Recognition</b> (B.Tech Project, 6 <sup>th</sup> Semester) <ul style="list-style-type: none"><li>• Used techniques like Otsu's method and a Multi-Layer Perceptron, to achieve an accuracy of 95.6% in detecting legible Handwritten Numerical Digits.</li><li>• I was responsible for the GUI for the application that I developed using J2SE (Java).</li></ul>
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### Technical Skills

Languages	C, C++, Java
Web Technologies	PHP, MySQL, HTML, CSS, JavaScript

### Additional Information

2012-13	Branch Councillor, responsible for training & placement activities for 120 students
2012	Represented IIT Madras in Regional Finals of ACM-ICPC
2010	Secured All India Rank 78 (99.9%ile) in JEE 2010
2005-2010	Have undergone 5 years of formal training in classical music Hobbies include reading sci-fi novels, trekking, and writing