

EDUCATION	<ul style="list-style-type: none"> <li>• B.Tech. (Hons.) Computer Science and Engineering Indian Institute of Technology Bombay</li> <li>• Intermediate/+2 Lady Anusuya Singhanian Educational Academy (CBSE) [2012]</li> <li>• Matriculation Hem Sheela Model School (CBSE) [2010]</li> </ul>	<p>CGPA: 7.03</p> <p>Aggregate: 92.80%</p> <p>CGPA: 9.60</p>
-----------	--	--

**E-Ball** *Guide : Prof. Abhiram Ranade* **Autumn 2012**

- Classic brick breaker game in C++ using **Particle Physics**
- Randomly generating levels with varying difficulty and ball speeds
- **User Interface** designed using the **simplecpp** package

ACHIEVEMENTS

- Winner at **Microsoft Appathon**, *code.fun.do* held at IIT Bombay in Spring 2014
- Selected in the first round of **Microsoft Hackcon 2014**, ranking **8<sup>th</sup>** overall
- Participated in the software design competition at the 2014 Inter-IIT Technical Meet, where IIT Bombay stood 3rd overall.
- Podium positions in all freshmen robotics competitions:
  - **1<sup>st</sup>** in *autonomous line follower* making competition,
  - **3<sup>rd</sup>** in *RC car* designing competition and
  - **2<sup>nd</sup>** in *RC football-playing bot* making competition

<b>Rumor Roll!</b>	<b>Autumn 2013</b>
<i>Yahoo! HackU</i>	
<ul style="list-style-type: none"> <li>• A website that displays links, tweets and videos related to rumors about the query</li> <li>• Developed using a mashup of Yahoo! Boss API, Twitter API v2.0 and YouTube API</li> </ul>	

<b>Hostel Website</b>	<b>Autumn 2013</b>
A site for all the hostelites to stay updated on the current events in the hostel, and also a common request/complaint portal, developed using <b>Twitter Bootstrap v3.0</b>	

SCHOLASTIC ACHIEVEMENTS	<ul style="list-style-type: none"> <li>• <b>All India Rank 104</b> (<i>State Rank 2</i>) among 3.75 lakh participants in <i>National Level Science Talent Search Examination (NSTSE) 2012</i> conducted by Unified Council</li> <li>• Secured <b>All India Rank 1</b> in <i>International Olympiad of Science (IOS) 2009</i></li> <li>• <b>All India Rank 53</b> (<i>State Rank 1</i>) in <i>National Science Olympiad (NSO) 2008</i> conducted by Eduheal Foundation amongst nearly 4 lakh participants</li> <li>• Pursuing <b>Minors</b> at <i>Industrial Design Centre, IIT Bombay</i></li> <li>• Amongst <b>top 0.005%</b> in AIEEE 2012, an exam taken by over a million students</li> </ul>
PROGRAMMING SKILLS	<ul style="list-style-type: none"> <li>• <b>Languages:</b> C++, Java, MIT-Scheme, Python, Rebol, Prolog, L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub></li> <li>• <b>Web Development:</b> HTML5, CSS3, PHP, JavaScript</li> <li>• <b>Engineering Softwares:</b> MATLAB, SCILAB, LabView</li> <li>• <b>Environments:</b> Windows, Linux</li> </ul>
FIELDS OF INTEREST	<ul style="list-style-type: none"> <li>• Software Engineering</li> <li>• Algorithm Design and Analysis</li> <li>• Cryptography</li> <li>• Machine Learning and AI</li> </ul>
POSITIONS OF RESPONSIBILITY	<p><b>Convener</b>, <i>Web and Coding Club</i>, IIT Bombay <b>April 2013 – Present</b>  Convener of one of the largest clubs of IIT Bombay which supports coding and related activities in the institute, promoting coding culture across students of all departments. Responsible for organising Hackathons, talks and many other coding related events.</p> <p><b>Web Secretary</b>, <i>Hostel 3</i>, IIT Bombay <b>April 2013 – Present</b>  Elected as Hostel Web Secretary for Hostel 3. Responsibilities include:</p> <ul style="list-style-type: none"> <li>• Conducting intra-hostel web development workshops and competitions.</li> <li>• Design and maintenance of the hostel website and ensuring that everything done by the hostel council is transparent and publicised through a common web portal</li> </ul> <p><b>Coordinator</b>, <i>TechFest 2014</i> <b>May 2013 – January 2014</b>  Introduced animation effects on the website for TechFest 2014 using jQuery plugins and coordinated a workshop on Swarm Robotics.</p>
EXTRA CO- CURRICULAR ACTIVITIES	<ul style="list-style-type: none"> <li>• Worked as a market analyst at Startup Today (a crowdfunding startup)</li> <li>• Participated in several speaking events, including <b>MUNs</b>, <b>debates</b> and <b>extempores</b></li> <li>• Written many blogs, including <b>Web Development</b> blogs for <i>Web and Coding Club</i></li> <li>• Active user on <b>Sphere Online Judge (SPOJ)</b>, <b>HackerRank</b> and <b>Stack Overflow</b></li> <li>• Completed the year-long course by <b>National Sports Organization (NSO)</b> in <b>Squash</b></li> <li>• Enthusiastic in swimming and water adventure sports like Scuba</li> <li>• Worked as an organiser in Mood Indigo 2012, TechFest 2013 and E-Summit 2013</li> </ul>
KEY COURSES UNDERTAKEN	<p><b>Core:</b>  Data Structures, Abstractions and Paradigms in Programming, Software Systems*, Design and Analysis of Algorithms*, Logic Design*, Computer Programming and Utilization, Discrete Mathematics, Introduction to Machine Learning, Human Computer Interactive Design</p> <p><b>Other:</b>  Calculus, Linear Algebra, Differential Equations, Numerical Analysis*, Modern Physics, Environmental Studies, Economics, Basics of Electronics and Electrical Engineering, Chemistry, Basics of Visual Communications, Data Analysis and Interpretation</p> <p><b>Online Courses:</b>  Algorithms: Part I and Part II (Prof. Robert Sedgewick and Prof. Kevin Wayne),  Learn to Program: The Fundamentals (Prof. Jennifer Campbell and Prof. Paul Gries),  Machine Learning (Prof. Andrew Ng)</p> <p>Note: The * marked courses will be completed by April 2014.</p>