

**AMAN SARYAL**

Course : B.E. (Hons.), Civil

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CGPA : 7.31

**ACADEMIC DETAILS**

COURSE	SPECIALIZATION	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	% CGPA	YEAR
XII	Science	Alpine Public School	CBSE	82.6	2011
X	General	Doon Valley Public School	CBSE	90.3	2009

**ELECTIVES/TECHNICAL PROFICIENCY**

<b>Electives</b>	Print And Audio-Visu Advertising, Mass Media And Content Des, Cinematic Adaptation, Object oriented programming and design, Data Mining
<b>Technical Proficiency</b>	Proficiency in programming languages like JAVA, C++, Python. Familiarity with IBM-SSPS predictive analysis and data modelling software, Apache Storm for analyzing real time data in a distributed fashion, Caching and Queuing mechanisms. Proficiency in Photoshop, Lightroom, Premiere Pro.

**SUMMER INTERNSHIP/WORK EXPERIENCE**

<b>Bhilai Steel Plant</b>	<b>May 2014 - Jul 2014</b>
<ul style="list-style-type: none"> <li>Verified the load carrying capacity of the rail bars and its resistance to shear and bending using various structural analysis techniques.</li> <li>Did complete structural analysis of foundation to be laid in the expansion project of Universal Rail Mill.</li> <li>Gave a plan for the expansion process using resource allocation techniques in the form of AON diagram and PERT charts.</li> </ul>	
<b>Software Testing in Intelligent Fulfillment at JDA Software Solutions Pvt. Ltd.</b>	<b>Jul 2015 - Dec 2015</b>
<ul style="list-style-type: none"> <li>Worked on Integration of three standalone applications by routing xml data using adapters.</li> <li>Identified, Detailed and Executed exhaustive set of test scenarios.</li> <li>Worked on Fitnesse automation framework.</li> <li>Wrote fixtures in JAVA aimed at accomplishing various automation and data handling tasks.</li> </ul>	

**PROJECTS**

<b>Made interactive 2D games using Python</b>	<b>Sep 2014 - Nov 2014</b>
<ul style="list-style-type: none"> <li>Used event handling GUI techniques to design interface for interactive games like BlackJack and Space Invaders.</li> <li>Applied Object Oriented Approach to Game Designing.</li> </ul>	
<b>DF Downloader - Distributed Downloader</b>	<b>Feb 2015 - Feb 2015</b>
A peer to peer distributed downloader to utilize maximum bandwidth by distributing downloads across participating peers whereby an individual system uses multi threaded approach to download allocated block.	

**POSITION OF RESPONSIBILITY**

<b>Senior Core Executive Member of Photography Club</b>	<b>Aug 2014 - Apr 2015</b>
<ul style="list-style-type: none"> <li>Led a team of 30 in setting up a Photography Exhibition in Oasis (Annual Cultural Fest) and Apogee (Annual Technical Fest).</li> <li>Led a team of six and showcased two photography panels based on the following themes : <ul style="list-style-type: none"> <li>Theatre Of Dreams (OASIS)</li> <li>Reflections and Refractions (APOGEE)</li> </ul> </li> </ul>	

**ACHIEVEMENTS AND AWARDS**

- State Topper** in International Assessment for Indian Schools (IAIS) conducted by University of New South Wales.
- Three - time Gold Medalist** in IAIS.
- AIR 1373** in Unified Cyber Olympiad.
- Awarded Certificate of Merit for distinguished performance in All India Talent Search Examination.
- AIR 8415** in JEE.

**EXTRA CURRICULAR ACTIVITIES**

Participated in Intra BITS Model United Nations 2014	<b>2014</b>
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