



ACADEMIC QUALIFICATIONS

Year	Degree / Board	College / School	CGPA / %
2011	B. Tech & M. Tech in Computer Science & Engineering	IIT Kharagpur	7.6/10
2006	Class XII-Board of Intermediate Education	Ratna Jr. College, Hyderabad	93.3%
2004	Class X-ICSE	H.P.S, Hyderabad	82.2%

PROJECTS

M. Tech Project	<p>§ Efficient Computation of Under-packing in Protein Core</p> <p>§ Abstract: Determining the internal cavities of a protein given the experimental 3D structure. 'RosettaHoles' used as basis for computation. Efficiency was attained through Space partitioning and Adjacency coherence of Kd-trees.</p> <p>§ Context: Bioinformatics and Computer Graphics</p>
B. Tech Project	<p>§ Visualization and Analysis of Protein Structures</p> <p>§ Abstract: Visualization tool for Proteins was developed, analysis through different computational problems in the structure .Display requires handling several concepts in computer graphics. OpenGL was used for rendering.</p>
Design Lab	<p>§ Efficient Panning and Rendition of a small sub-system of atoms</p> <p>§ Abstract: Given a large system of atoms or objects, passing them on to the display buffer is inefficient. We intend to render concerned with the window area, making panning seamless through use of Kd-trees.</p>

INTERNSHIPS

Tata Research Design and Development Centre, Pune	<p>§ Design of a Domain Aware Tool in the Enterprise IT Domain</p> <p>§ Abstract: A framework for a broad domain(Enterprise IT) where 'Intelligent Behaviour' can be encoded as configuration details for sub-domains like Cleansing, Analysis, Presentation etc.. . An instance was taken up and a Proof of Concept was demonstrated.</p> <p>§ Context: Intelligent Systems, Object Oriented Programming</p>
NetApp, Bangalore	<p>§ Stress Testing on Filers/NetApp Fabric Attached Storage</p> <p>§ Abstract: A tool to generate a real-time customer data-set which would help in trapping bugs which occurred for various data set profiles. Performance measures were done from the load generated on the filers. The filers were operated over CIFS. Programming in Perl.</p> <p>§ Context: Computer Networks and Operating Systems</p>
InfoTech, Hyderabad	<p>§ Design and Implementation of a Webmail Service</p> <p>§ Abstract: Implementation of a complete Webmail service for internal use, limited to InfoTech's mail server. Mail transfer using SMTP. Programming in Php, Html and JavaScript.</p> <p>§ Context: Web-Design</p>

ACADEMIC DISTINCTIONS

Ranks & Co-curricular	<p>§ JEE rank: All India Rank 519 out of 4,00,000 students, 2006</p> <p>§ All India Rank 616 in AIEEE,2006</p> <p>§ Recipient of GATE MHRD scholarship given by Gov. of India, May 2010 to April 2011</p> <p>§ Special Position, Regional Mathematics Olympiad, 2002</p> <p>§ Teaching Assistant for Programming and Data Structures Lab</p>
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TECHNICAL

Languages	§ C, C++, Java, Perl and Python; SQL
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EXTRA CURRICULAR ACTIVITIES

- § Cadet in the NCC (National Cadet Corps) in my first year and an active participant in NSS (National Social Service) in my second year of college
- § Volunteered in organizing the blood donation camp at IIT Kharagpur
- § My other interests are Tennis, Badminton and Gaming

CONTACT DETAILS

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