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<b>OBJECTIVE</b>	I seek a challenging position to further my interests in distributed systems, networks and operating systems.
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<b>EDUCATION</b>	<b>CARNEGIE MELLON UNIVERSITY</b> , Pittsburgh, PA <b>MAY 2008</b> Master of Science in Information Networking Overall GPA: 3.64/4.0
	<b>RASHTREEYA VIDYALAYA COLLEGE OF ENGINEERING</b> , Bangalore, India <b>JUNE 2005</b> Bachelor of Engineering in Computer Science and Engineering Overall GPA: 81/100

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<b>PROFESSIONAL EXPERIENCE</b>	<b>NETWORK APPLIANCE, PITTSBURGH</b> - Student Intern <b>MAY 2007- AUG 2007</b> <ul style="list-style-type: none"><li>SpinNP Ping – developed a diagnostic utility to query the status of multiple intra and inter cluster filers using an RPC mechanism [C++]</li><li>Checkpoint Restart – implemented a feature to resume interrupted mirror transfers from the most recent checkpoint as opposed to restarting from scratch [C++]</li></ul> <b>EMC DATA STORAGE SYSTEMS PVT LTD, BANGALORE</b> - Associate Software Engineer <b>JULY 2005- JULY 2006</b> <ul style="list-style-type: none"><li>Developer for EMC SMARTS InCharge, to pinpoint authentic failures in an enterprise network.</li><li>Designed and developed a ticket management system to track device certification requests.</li></ul> <b>CISCO SYSTEMS INDIA PVT LTD, BANGALORE</b> - Project Intern <b>FEB 2005- MAY 2005</b> <ul style="list-style-type: none"><li>Designed and developed a network topology generator and extractor [Java Swing/Eclipse, XML]</li></ul>
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<b>SKILLS</b>	<b>PLATFORMS:</b> RedHat/Fedora Linux, Windows (9x/XP/2000) <b>LANGUAGES:</b> C, C++ <b>SOFTWARE PACKAGES:</b> EMC SMARTS InCharge products, Oracle 9i/10g, Eclipse, gdb, cscope <b>DESIGN TOOLS:</b> Visual Basic 6.0, QT Designer, Microsoft FrontPage
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<b>PROJECTS</b>	<b>MOBILE AND PERVASIVE COMPUTING</b> <b>FALL 2007</b> <ul style="list-style-type: none"><li>Working on a framework for Host-Guest Communication in Internet Suspend/Resume(ISR) [C/C++]</li></ul> <b>OPERATING SYSTEMS</b> <b>SPRING 2007</b> <ul style="list-style-type: none"><li>Designed and developed a Unix style kernel with a Multiboot compliant boot loader [C, x86]</li><li>Designed and developed a kernel-supported user level thread library with mutexes, condition variables, semaphores, readers &amp; writers' locks [C, x86]</li><li>Developed console, timer and keyboard drivers and a test application (game) [C]</li><li>Implemented a Stack Trace library to pinpoint the fault causing parts of a program [C]</li></ul> <b>SYSTEMS ENGINEERING</b> <ul style="list-style-type: none"><li>Developed an exhibit with the CMU Robotics Institute for the Children's Museum of Pittsburgh</li></ul> <b>COMPUTER SYSTEMS</b> <b>FALL 2006</b> <ul style="list-style-type: none"><li>Developed a dynamic storage allocator (malloc package) [C]</li><li>Implemented a multi-threaded web proxy with a caching mechanism and concurrency control [C]</li></ul> <b>UNDERGRADUATE PROJECTS</b> <b>FALL 2005</b> <ul style="list-style-type: none"><li>Designed and developed an algorithm for Robot Path Planning using Genetic Algorithms [C++, Qt]</li><li>Implemented a standards compliant Address Resolution Protocol (RFC 826) [C++]</li></ul>
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<b>RESEARCH</b>	<ul style="list-style-type: none"><li>Co-authored and presented a paper on <i>Robot Path Planning using Genetic Algorithms</i> in iota 2004, a national paper presentation event.</li><li>Co-authored and presented a paper on <i>Analysis and Prediction of behavioral patterns of Stock Markets</i> at CSI 2004, published in the CSI journal, a state-wide publication in Karnataka.</li></ul>
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<b>RELEVANT COURSES</b>	<b>SYSTEMS:</b> Operating Systems, Introduction to Computer Systems <b>NETWORKING:</b> Mobile and Pervasive Computing, Packet Switching and Computer Networks <b>MANAGEMENT:</b> Managerial Economics, Business Management, Information Systems Modeling <b>OTHERS:</b> Machine Learning, Systems Engineering, Advanced DBMS, Financial Accounting (Undergrad courses/Interests): Data Structures, Algorithms, Genetic Algorithms, Root Cause Analysis
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<b>HONORS and DISTINCTIONS</b>	Ranked <b>194</b> among 0.1 million students from around India in the <b>National Science Olympiad</b> , Dec 2000 Recipient of a \$20,000 scholarship from Carnegie Mellon University for the MSIN program '06-'08
<b>AFFILIATIONS</b>	<i>Technical Director</i> , RVCE Comp Sc Club '01-'05, Core Committee iota-2003 (technical symposium) <i>Executive Committee</i> , RVCE Quiz Corp, for India's largest college quiz fest <i>Under the Peepal Tree</i>

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