

<b>EDUCATION</b>	<p><b>University of Virginia</b>, Charlottesville, VA Master of Science, <i>GPA – 3.73</i> Specialization in Computer Science with a concentration in real time systems</p> <p><b>PSG College of Technology</b>, Coimbatore, India Bachelor of Engineering, <i>Graduated with Distinction</i> Specialization in Computer Science and Engineering</p>	<p>May 2002</p> <p>May 2000</p>									
<b>GRADUATE COURSEWORK</b>	<table border="0" style="width: 100%;"> <tr> <td>Financial Engineering</td> <td>Derivatives of Security</td> <td>Probability and Statistics</td> </tr> <tr> <td>Operating Systems</td> <td>Ubiquitous/Pervasive Computing</td> <td>Software Dynamic Translation</td> </tr> <tr> <td>Real Time Systems</td> <td>Design and Analysis of Algorithms</td> <td>Building Complex Software Systems</td> </tr> </table>	Financial Engineering	Derivatives of Security	Probability and Statistics	Operating Systems	Ubiquitous/Pervasive Computing	Software Dynamic Translation	Real Time Systems	Design and Analysis of Algorithms	Building Complex Software Systems	
Financial Engineering	Derivatives of Security	Probability and Statistics									
Operating Systems	Ubiquitous/Pervasive Computing	Software Dynamic Translation									
Real Time Systems	Design and Analysis of Algorithms	Building Complex Software Systems									
<b>COMPUTER SKILLS</b>	<p><b>Programming Languages:</b> C, C++, Java, COBOL, Perl, x86 Assembly</p> <p><b>Platforms:</b> SunOS, Linux, Windows 2000/NT/98, DOS</p> <p><b>Tools and others:</b> HTML, DOME, GME, XML, LEX, YACC.</p>										
<b>WORK EXPERIENCE</b>	<p><b>University of Virginia</b>, USA Research Scientist</p> <p><b>University of Virginia</b>, USA Graduate Research Assistant</p> <ul style="list-style-type: none"> <li>• VEST: A Toolset For Constructing and Analyzing Component Based Operating Systems for Embedded and Real Time Systems</li> </ul> <p><b>University of Virginia</b>, USA Graduate Teaching Assistant</p> <ul style="list-style-type: none"> <li>• Teaching assistant in the Department of Computer Science</li> </ul> <p><b>Center for Development of Advanced Computing</b>, India Intern</p> <p><b>Socket Implementation over the Active Message Interface</b></p> <ul style="list-style-type: none"> <li>• Led a three-member team</li> <li>• Presented weekly progress reports and the final solution to the management to ensure that the project met the requirements of the organization</li> <li>• Added functionality to a network protocol called the Active Message Interface. The technologies used were C and Solaris</li> </ul>	<p>Summer 2002-</p> <p>Fall 2000-Spring 2002</p> <p>Fall 2000-Spring 2000</p> <p>Summer 1999</p>									
<b>PROJECT AND SEMINAR EXPERIENCE</b>	<ul style="list-style-type: none"> <li>• Designed a Health Care Information Appliance.</li> <li>• Developed a Graphical DFA/NFA Simulator and a Peer-to-Peer Chatting system in Java.</li> <li>• Developed a Stream Based Synchronous data transfer protocol with unlimited buffering over Active Message.</li> <li>• Redesigned Khttpd, the In-kernel web-server, enabling QoS guarantee and analyzed its performance against Apache.</li> <li>• Prepared a Paper on Home Smart Space based on HAVI Protocol.</li> </ul>	<p>CSIDC 1999- 2000</p> <p>Spring 2000</p> <p>Summer 1999</p> <p>Fall 1999</p> <p>Fall 2000</p>									
<b>PAPERS</b>	<ul style="list-style-type: none"> <li>• “Evaluation of In-Kernel Web Server with Differentiated Services” Ram Poornalingam, Shaun Arnold and Dharmesh Parikh.</li> <li>• “VEST: Virginia Embedded Systems Toolkit ” John Stankovic, Hexin Wang ,Marty Humphrey, Ruiqing Zhu, Ram Poornalingam, Chenyang Lu .Submitted to IEEE RTSS 2001 Workshop.</li> </ul>	<p>Spring 2000</p> <p>RTSS 2001</p>									
<b>AWARDS</b>	<ul style="list-style-type: none"> <li>• Participated in the CSIDC 2000 organized by IEEE.</li> <li>• Student Coordinator and Joint Secretary of Computer Technology Association, PSG College of Technology, India</li> </ul>										
<b>ACTIVITIES</b>	<ul style="list-style-type: none"> <li>• Member of the Computer Society of India</li> <li>• Student Member, IEEE</li> </ul>										