
GURLEEN KAUR

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Objective

Knowledge is the progressive discovery of our own ignorance. To dispel ignorance and spread light through constant learning and reasoning is my way of life. I believe in learning and growing via participation and collaboration. I have an ardent inner drive to seek every opportunity that flows my way and give it the best I possess.

Professional Experience

Research Assistant Software Engineering Lab, NCSU 06/2008-07/2008

Developed Distributed Requirements Management Framework tool in a team of two using ruby on rails 2.0. The goal was to develop a requirements management tool to help software designers and policy makers achieve transparency and consistency by bringing regulations, policies and system requirements into better alignment.

Lecturer Punjab College of Technical Education, India 07/2006-06/2007

Job responsibilities included delivering lectures in Computer Science subjects, handling lab-work, managing the course-work and grading undergraduate students.

Research Assistant COE Grid Computing, Thapar University 01/2006-06/2006

Masters' Thesis entitled "Developing TIET Grid Portal using Web Services". The project work included literature survey on state-of-the grid computing and installation of Globus toolkit 4 to simulate the grid environment on both windows and Linux platforms.

Student Analyst Thapar University Library Services, India 01/2005-05/2005

The Project involved ATM design using Rational Rose (UML) tool. Focus was to improve software analysis and design to streamline the coding phase.

Student Trainee TriTech Corporation Limited, India 01/2003-06/2003

The project included LAN, WAN Setup, Configuration and Administration. It provided insight into the practical implementation of various network components like Microsoft Exchange Server, RAS, DHCP, DNS server.

Student Trainee Software Solutions Inc., India 05/2002-07/2002

Designed 8-bit 8085 microprocessor simulation program to emulate the real microprocessor kit using core level C programming (covered pointers and mouse programming).

Education

- Pursuing Doctor of Philosophy in Department of Computer Science, North Carolina State University, Raleigh (Spring 2008-onwards).
- Master of Engineering in Software Engineering from Thapar Institute of Engineering & Technology (Deemed University), India with CGPA 9.04/10 (2004-2006).
- Bachelor of Technology in Computer Science & Engineering from National Institute of Technology (Deemed University), India with 76.5% marks (2000-2004).

Technical Expertise

- Languages/Frameworks: C++, JavaScript, HTML, XML, UML, Ruby on Rails 2.0
- Operating Systems: UNIX, Linux, Windows XP/98, DOS, Mac OS X.
- Software: Rational Rose, Microsoft Word, Excel, Adobe Dreamweaver CS3.

Achievements & Awards

- Received \$500 fellowship for WISE (Women's Institute in Summer Enrichment) program 2008 at Cornell University organized by TRUST.
- Received College of Engineering Dean's Scholarship from Wayne State University in Fall 2007.
- Associate Editor for The International Journal of Technology, Knowledge & Society volume 2007.
- Received "Certificate of Merit" for outstanding academic performance (Rank: SECOND) in M.E. Software Engineering Batch 2004-2006.
- Received employment as Software Engineer Trainee from HCL Technologies Ltd. Noida (2005).
- Received "Certificate of Merit and Medal" from Governor of Haryana for outstanding academic performance (Rank: FIRST) in BTech CSE Batch 2000-2004.
- Received employment as Software Engineer Trainee from Satyam Computer Services Ltd. Hyderabad (2004).
- Ranked School Topper in Class XII. (2000).
- Received "Certificate of Merit" in Mathematics for C.B.S.E schools in class X for ranking among top 0.1 percent in India. (1998).

Extra-Curricular Activities

- Chaired the "Organizing Committee" of International level conference-Global Trends in IT 2007 by PCTE.
- Ranked first in the faculty jokes competition organized at PCTE, 2007.
- Bagged first position in Female faculty 100 meters race at the 5th Annual Athletic meet held at PCTE, 2007.
- Chaired the "Organizing Committee" of (NCBC) conference, March 2005.
- Student member of the I.S.T.E. from 2000-2004.
- Recognized Singer at college level.

References *(Available upon request)*