

# Suraj Raj Bista

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<b>OBJECTIVE</b>	To obtain an entry-level position in the field of Computer Science/ Networking.
<b>EDUCATION</b>	<b>The University of Texas at Dallas, Richardson, TX</b> Bachelor of Science in Computer Science Graduating: May 2006 Cumulative GPA: 3.389  <b>The University of Colorado at Denver, Denver, CO</b> Overall GPA 3.807, Transfer Hours
<b>COMPUTER SKILLS</b>	<b>Programming Languages:</b> JAVA, C/C++, awk, Scheme, SML, Prolog, Assembly, Shell <b>Operating Systems:</b> Windows XP/NT/95, UNIX, MS-DOS, Linux, Sun Solaris <b>Networking:</b> LAN/WAN Design/Implementation, IP Addressing, Cisco IOS, TCP/IP, RIP, IGRP, EIGRP, OSPF, NAT/PAT, ACL, VLAN, STP, VTP, VPN, PPP, HDLC
<b>WORK EXPERIENCE</b>	<b>Erik Jonsson School of Engineering and Computer Science, UTD.</b> Mentor: Tutor students in Pre-Calculus, Concepts of Programming Languages September 2005 - Current  <b>Himalayan InfoTech, Kathmandu, Nepal</b> GIS Analyst: Provided data analysis and related them to the digitized map of Hokkaido, Japan, using a GIS software, ArcView. October 2001 - January 2002  <b>Ada Computers, Kathmandu, Nepal</b> Assembled computer parts for a local computer vendor. Disk partitioning. Installed operating systems and applications software. August 2001 – December 2001
<b>RELEVANT COURSES</b>	Algorithm Analysis and Data Structures, Operating Systems, Computer Networks Network and Computer Security, Software Engineering, Cisco Certified Network Associate.
<b>PROJECTS</b>	<b>Proxy Server: Socket Programming</b> A proxy server, which takes data from a client and forwards it to a server, and vice-versa.  <b>Implementaion of a small Operating System</b> Implemented few basic commands for a Operating System based on Unix SRV4.  <b>Mobile Ad-hoc Network Simulation:</b> Simulate a network of mobile stations in an area with multiple mobile vehicles carrying network signals using multi-threads. Record the connection time for the base stations.  <b>Graphing Calculator:</b> Calculates basic math, trigonometric values, factorials, exponents, draws graph for a given linear and polynomial function.  <b>Threaded Case Study:</b> Design a LAN/WAN for a network of 36 schools. LAN/WAN IP Addressing scheme. Logical LAN design. Allocate workgroup/enterprise servers. Wiring diagrams/ cut sheets. ACL, NAT/PAT.
<b>CERTIFICATIONS</b>	<b>Geographical Information Systems (GIS)</b> <b>Kathmandu, Nepal</b> Hands-on Training on Geographical Information Systems and Application conducted by National Society for GIS/ United Nations Environment Program/ NITI.
<b>HONORS</b>	<b>PHI THETA KAPPA</b> – A national honor society