

REHAN SIDDIQUI

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OBJECTIVE: I am an accomplished leader with the desire to innovate in a progressive and challenging position that utilizes my dynamic Information Technology background.

SUMMARY OF SKILLS

- Technical: Java (J2EE, Swing, Ant), SQL, Oracle 9i, DB/2, XML Schema, C, C++, Lisp
- Web: JSP, Servlets, Javascript, HTML, Perl, CGI, Apache Server, Flash
- Platforms: Windows 2000/NT/9x, Linux, Unix, AIX, Mac OS X, Mac OS 9, Solaris
- IDEs: JDK, MS Visual Studio, JBuilder, CodeWarrior, Adobe InDesign SDK, Quark SDK
- General:
- Strong database programming skills in SQL
 - Over 5 years of proven Java and C/C++ programming experience
 - Object-oriented programming experience with design patterns and UML
 - Solid knowledge of Internet programming using TCP/IP and UDP
 - Effective leadership skills honed by leading and managing team projects and through sales experience

PROFESSIONAL EXPERIENCE

2003 – Present **Senior Software Engineer, Crosscap Media Services Inc.**

- Development of Enterprise Java Beans (EJBs) on a multi-tiered system using the JBoss application server and Oracle 9i Database and 9iAS
- Database design and implementation for business applications using Oracle 9i and XML Schema
- Implemented an application server used to archive documents with Legato Networker
- Responsible for the Analysis, Design and Implementation of Plug-ins for Adobe InDesign Software on the Mac OS X Platform using C++ and various object-oriented design patterns
- Development of Quark Express Plug-ins on the Mac OS 9 using C for front-end plugin implementation and Java for the back-end deployment

2001-2002 **Engineering Intern, ATI Technologies, Motherboard Development**

16-month
Internship

- Created tools for motherboard Integrated Graphics that reduced test times by 50%
- Determined and carried out innovative tests on new boards to verify functionality
- Performed Signal Integrity simulations and In-lab Correlations of latest ATI Video Card (Radeon 9700 Pro) within a team environment
- Designed a PCI Port 80 POST Card now used by the department to debug motherboards
- Analysed the Power-Up Timing sequence on ATI motherboards with the aid of Oscilloscopes and Logic Analyzer

1998-2000 **Sales Associate, Hudson's Bay Company, Men's Wear Dept.**

- Awarded employee of the month for increasing men's clothes sales by 5%
- Supervised off-hour floor stock replenishment
- Received Customer service recognition award for excellent customer service

TECHNICAL EXPERIENCE

- C/C++**
- Analysis, Design and Implementation of Plug-ins for Adobe InDesign and Quark Express
 - Designed and implemented a Network Simulator for the 4th-year design project using STL
 - Wrote a human animation program using the OpenGL API
 - Developed TCP and UDP data packet send and receive programs
 - Developed multi-threaded programs using mutexes
 - Implemented efficient linked lists, trees, hash tables, and search algorithms
- SQL**
- Designed and executed complex SQL queries and updates on DB/2
 - Wrote several data collection programs using embedded and dynamic SQL
- Java**
- Implemented EJBs using design patterns such as Data Transfer Hashtable and Singleton
 - Designed and Implemented java GUI (Swing) application for maintenance scheduling
 - Developed an object-oriented delivery scheduling program for course work
 - Wrote an object-oriented sub-system for a scanner system using design patterns
 - Wrote text adventure game for a multi-module project

EDUCATION

1998-2003 **Bachelor of Applied Science, Computer Engineering
(Software Engineering Option)**
University of Toronto, Graduation: June 2003

- Awards
- Dean's List for Academic Excellence (U. of T., 1996, 1997)
 - Regents Scholarship (1997-98 & 1998-1999)

PERSONAL PROJECTS

- Developed an Internet client-to-client messaging and file sharing program in C
- Administer a home network implementing Linux as a Web Server, Gateway, Router, and Firewall
- Maintain a personal website using HTML, Flash, CGI and Perl

INTERESTS

SPORTS: Basketball, Soccer, Squash, Hockey, Lifting Weights
LEISURE ACTIVITIES: Reading, Graphics Programming, Playing Video Games,

VOLUNTEER ACTIVITIES

- 1995 **Etobicoke General Hospital:** Student Volunteer
- 7th floor *Team Leader* responsible for coordinating duties among volunteers and training of new volunteers
 - Administered incoming delivery of gifts for patients
 - Comforted and conversed with patients on a regular basis

References Available upon Request.