



## Education and Qualifications

Lahore University of Management Sciences (LUMS) <b>Bachelor of Science (Honors)</b> <b>Computer Science (Major)</b> , Mathematics (Minor)	May 2003
Keynesian Institute of Management & Sciences <b>GCE A – Level (University of Cambridge)</b>	1999
Crescent Model Higher Secondary School <b>GCE O – Level (University of Cambridge)</b>	1997

## Professional Experience

**Techlogix Pakistan (Pvt) Ltd.**  
Software Engineer, (J2EE™ Development and ETL Designing). **February 2003 to Date**  
**Project: MMLISI@Express, a Data Warehouse and Web Application.**  
**Client: MassMutual Inc. Springfield, MA, USA**

**SIEMENS Pakistan Engineering Company**  
**Intern: Information & Communication Dept.** **Summer 2002**  
Assisted in Design and Implementation of various Data and Telecom Solutions for Enterprise Networks

Date of birth:  
**May 11, 1982**

## Teaching Assistantship at LUMS (September 2002 to March 2003)

- Autumn Quarter 2002-2003 Operating Systems (Dr. Mansoor Sarwar)
- Winter Quarter 2002-2003 Network Security (Mr. Atif Karamat)

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## PROJECTS

- **Senior Project:** Network Management using Mobile Agents Framework. Developed a platform/OS independent software using IBM® Aglet Technology. Implemented pro-active Fault Management and Performance Monitoring Algorithms using the Mobile Agent Framework.
- **Communications Project:** Implemented piggy-backing in the Stop & Wait Data Link Layer Protocol. Also simulated OSPF routing protocol. **(using a UNIX based Network Simulator)**
- **Operating Systems Project:** Memory Management & Synchronization **(a UNIX based open-source OS Simulator: UC- Berkeley NACHOS)**
- **Object Oriented Design Project:** Analysis & Design of an Inventory Control System for a University Dining Center **(using UML & OOD Patterns)**
- **Data Warehousing Project:** Analysis, Design and Implementation of a Bank's Data Warehouse in Teradata®
- **Marketing Management Course Project:** Developed the re-launch strategy of Nescafé Frothé, a product of Nestlé Milkpak (Pvt.) Ltd.
- **Project Management Course Project:** CPM, PERT Analysis and Project Scheduling of **GHAUSSIA Paper & Board Mills (Pvt.) Ltd, Sheikhpura**



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## Honors and Awards

- Graduated with Distinction
- Dean's Award for maintaining CGPA of **3.66** and Computer Science GPA of **3.86**. Placed on Dean's Honor list at the end of graduation
- Received LUMS Scholarship during Sophomore year
- Received Merit Scholarship from Ministry of Science & Technology (MoST), Pakistan during Junior & Senior Year at LUMS.
- Elected Class Representative (CR) in Autumn Quarter 2002-2003 at LUMS

## Special Skills

C++ / Visual C++ (MFCs), Microsoft .NET Framework, C#, VB, JAVA™, J2EE™, BEA Weblogic, EJBs™, ETL, Teradata®, Informatica®, Informix, SQL, Oracle 9i, IBM DB2, LISP, UML, VISIO, ERWin, BSD UNIX Socket Programming

*Mathematics Tool:* MATLAB

*Web-Technologies:* JavaScript, ASP, XSLT, XML, HTML, CSS

*Operating Systems:* SunOS (Solaris), LINUX, Win NT/2000

## Interests / Activities

Reading Books on International Relations, Playing Cricket