



## Curriculum Vitae

### 1. Personal Information:

Name: *Khalid Mahmood*

Father's Name: *Haq Dad Khan*

Birth date: *2nd April 1976*

NIC No: *12101-0852820-3*

Religion: *Islam*

Nationality: *Pakistani*

Domicile: *D.I.Khan (K.P.K)*

Languages Spoken: *English, Urdu, Saraiki*

Marital Status: *Married*

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## 2. Educational Qualifications:

Degree / Certificates	Major	Marks	Institution
<b>MS(CS)</b> (2011)	Computer Science	3.67 GPA	<b>Gomal University, D.I.Khan (K.P.K)</b>
<b>MCS</b> (1999)	Computer Science	1261/1800	<b>Gomal University, D.I.Khan (K.P.K)</b>
<b>B.Sc.</b> (1994)	Math, Statistics Physics	334 / 550	<b>Govt: Degree College No:1, D.I.Khan (K.P.K)</b>
<b>F.Sc.</b> (1992)	Pre: Engineering	672 / 1100	<b>Wensam College, D.I.Khan (K.P.K)</b>
<b>S.S.C</b> (1990)	Science Group	567 / 850	<b>Wensam College, D.I.Khan (K.P.K)</b>

## 3. Job Details – Teaching and Research Experience:

S.No.	Job Title	Period of Service	Job Responsibilities
1.	Assistant Professor at ICIT, Gomal University, D.I.Khan.	April 2013 to date	<ul style="list-style-type: none"> <li>Teaching Computer Science courses to MS/MCS, BSCS students</li> <li>Supervising Computer Projects to MCS, BSCS students</li> <li>Guidance/Counseling with MS(CS) Students</li> </ul>
2.	Lecturer at ICIT, Gomal University, D.I.Khan.	March 2007 to April 2013	<ul style="list-style-type: none"> <li>Teaching Computer Science courses to MS/MCS, BSCS students</li> <li>Supervising Computer Projects to MCS, BSCS students</li> </ul>
3.	Lecturer at ICIT (Contract basis): Gomal University, D.I.Khan.	November 2002 to March 2007.	<ul style="list-style-type: none"> <li>Teaching Computer Science courses to MS/MCS, BSCS students</li> <li>Supervising Computer Projects to MCS, BSCS students</li> </ul>

4.	Computer Programmer at Law & Justice Commission of Pakistan, Islamabad.	28 <sup>th</sup> May 2001 to November 2002.	<ul style="list-style-type: none"> <li>• Maintained the official website <a href="http://www.ljcp.gov.pk">http://www.ljcp.gov.pk</a></li> <li>• Maintained the Local Area Network established at LJCP</li> <li>• Working and solving the problems of end users</li> </ul>
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#### 4. Computer Expertise:

- Database Systems
- Database Administration using Oracle and MS-SQL Server
- Data Structures and Algorithms
- Data Communication and Computer Networks
- Text mining

#### 5. Research Publications:

[1] *Sheikh Muhammad Saqib, Khalid Mahmood, "Agent for Automating Educational Institutes as a Single Entity: School's Coordination System", Computer Engineering and Intelligent Systems, pp 197-205, Vol. 2, No. 4, 2011.*

[2] *Khalid Mahmood, M. Manzoor Illahi, Shakeel Ahmad, "Integration Efforts Estimation in Service Oriented Architecture (SOA) Applications", Information and Knowledge Management, pp 23-27, Vol. 1, No. 2, 2011.*

[3] *Khalid Mahmood, M. Manzoor Illahi, Bashir Ahmad, "Empirical Analysis of Function Points in Service Oriented Architecture (SOA) Applications", Industrial Engineering Letters, pp 6-12, Vol.2, No.1, 2012*

[4] *Khalid Mahmood, Muhammad Javed, Muhammad Ali Abid, "A Comparative Study of Security Mechanism Differentiation between Windows 2000 and Unix Operating Systems", Journal of Information Engineering and Applications, pp 45-49, Vol. 2, No. 2, 2012.*

[5] *Khalid Mahmood, Bashir Ahmad, Allah Nawaz, "A Step towards Softbots: Easy2Shop – A Multi Agent based Shopping bot", Information and Knowledge Management, pp 1-9, Vol. 2, No.1, 2012.*

[6] *Shahid Kamal, Roliana Ibrahim, Khalid Mahmood, "Taxonomy of Key Performance Indicators Recognition and Performance Measurement for Institution of Higher Learning: A Review. IJACS, Vol. 3, No. 1, 2012.*

[7] *Khalid Mahmood, Bashir Ahmad, "Testing Strategies for the Stakeholders in Component based Software Development", Computer Engineering and Intelligent Systems, pp 101-106, Vol. 3, No. 5, 2012.*

[8] *Khalid Mahmood, Shahid Kamal, Hamid Masood Khan, "Dynamic Optimization of Network Routing Problem through Ant Colony Optimization (ACO), Computer Engineering and Intelligent Systems, Vol 3, No.8, 2012.*

[9] *Sheikh Muhammad Saqib, Khalid Mahmood, "Big-data Challenges: A Review on Existing Solutions", American Journal of Information Science and Computer Engineering, pp. 38-43.Vol. 1, No. 2, 2015.*

## **References:**

- *Jamal Abdul Nasir, Director, ICIT, Gomal University, D.I.Khan.*
- *Dr. Bashir Ahmad, Professor, Computer Science Department, Qurtaba University, D.I.Khan.*