**Muhammad Bilal**

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**Objective Statement:**

To work in a dynamic organization where I can effectively employ my engineering and management skills to practice and, as a result, benefit the organization

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**Education:**

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| **Year** | **Degree** | **Majors** | **Institution** | **Grade** |
| Oct 2008 – July 2012 | BE | Computer System Engineering | College of E&ME, NUST, Rawalpindi, Pakistan. | 2.76 |
| Aug 2006- June 2008 | HSSC | Pre- Engineering | Govt:Degree College,Mingora, Swat,KPK | A1 |
| June 2005 - April 2006 | SSC | Math, Physics, Chemistry, Biology | Hira School & College, Charbagh,Swat,KPK. | A1 |

**Internship:**

Internship in Microcontrollers 8051. 1st September to 21st September 2010.

**Extra Courses:**

Six weeks Certificate of “CCNA” from College of EME, NUST.

Certificate of Skill development from Hira School & College, Charbagh,Swat, KPK.

**Final Year Project:**

Research based “De-Packet Analysis on Gigabit Interfaces (20 G Router)”.

**Semester Projects:**

* Developed “Phase Shift Keying (PSK)” using Matlab in 7th Semester.
* Developed “Online Banking System Database” using SQL SERVER 2008 and VISUAL STUDIO 2008 in 6th Semester.
* Developed “8-Puzzel game” in python in 6th Semester
* Developed “Fourier Series expansion and analysis of period signals” using C on DSP kit in 6th Semester.
* Developed “Palm Print Recognition (Digital Image Processing)” using Matlab in 6th Semester.
* Developed “Full Subtracter” using PCB in 5th Semester.
* Developed “Tic Tack Toe” Using C++ in 5th Semester.
* Developed “Lexical Analyzer” using C-sharp in 4th semester.
* Developed “DC Power Supply 24 volts” using PCB in 4th semester.
* Devoloped “Equation Solver” (Using Data Structure in C++) in 3rd semester
* Developed “File Handling System (Using C++)” in 2nd semester.

**Engineering Tools:**

MS Visual Studio, MS SQL Server, **Auto CAD 3D Designer**, PCB wizard, MS Office including Visio and Publisher ,PSpice, Proteus, Opnet, Matlab,Xilinx ISE, Modelsim,Cisco Packet Tracer,CCS,Photoshop,Maya.

**Programming Languages:**

C/C++, C#, PHP, HTML/XHTML, Verilog HDL, SQL, Phython, Assembly Language.

**Awards & achievements:**

* Beneficial student of ICT Scholarship at college of E&ME, NUST.
* 4th postion in BISE Saidu Sharif , Swat, KPK, in HSSC.

## MANAGEMENT EXPERIANCES:

* Worked in COMPEC 2010/2011 as admin.
* Worked as an organizer for “EME Olympiad 2010 & 2011” held at College of Electrical & Mechanical Engineering (NUST).
* House Leader & Speaker of “ALI HOUSE” in Hira School & College , Charbagh, Swat, KPK.

**VOLUNTEER ACTIVITY & EXTRACURRICULARS:**

* Member of Society for Promotion of Arts and Litrature (SPAL) & SPAL at college of EME, NUST.
* Sports Cricket,Football,Badminton etc.
* Poetry, & Painting.