**Areeba**

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| **E-mail** | [Areeba.295373@2freemail.com](mailto:Areeba.295373@2freemail.com) |  |
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**ACADEMIC QUALIFICATION**

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| 2016 | **BE Electrical (Telecommunications) Engineering** | | | | | |  |  |  |
|  | **Institution**: Military College of Signals, | | | | | |  |  |  |
|  | National University of Sciences and Technology (NUST), Pakistan | | | | | | | |  |
| 2012 | **Scholastic Aptitude Test (SAT II)** | | | | | |  |  |  |
|  | Scores: |  | 2100/2400 | |  |  |  |  |  |
| 2011 | **A Levels- Edexcel International** | | | | | |  |  |  |
|  | **Institution:** Islamia English School, Abu Dhabi, UAE | | | | | |  |  |  |
|  | Scores: | 913/1100 |  | 83% Equivalent |  | | Grades |  | 1A, 2B’s |
|  |  |  | |  |  | |  |  |  |
| 2010 | **O Levels- Edexcel International** | | | | | |  |  |  |
|  | **Institution:** Islamia English School, Abu Dhabi, UAE | | | | | |  |  |  |
|  | Scores: | 765/900 |  | 85% Equivalent |  | | Grades |  | 6A’s, 2B’s |

**TECHNICAL EXPERIENCE / INTERNSHIP EXPERIENCE**

Research & Development wing, Pakistan Army

**FINAL YEAR PROJECT**

Seismic based object detection and identification.

**SEMESTER PROJECTS**

Heartbeat monitoring system using 8051 microcontroller.

6 channel disco running lights using timer IC- 555.

Fault finding and repair of an oscilloscope and a trainer board.

Waveguide hybrid junction using ADS and HFSS.

A Compact Ultra-wideband Printed Omnidirectional Monopole Antenna using HFFS.

Voice recording and playback using code composer studio (DSK6713).

Beat detection using onboard LEDS (using CCS Studio and DSK6713).

**TECHNICAL / SOFTWARE SKILLS**

**Programming Languages:** C++, MATLAB

**Circuit Designing tools:** Proteus Design Suite, ARES

**Numerical computation and Simulating tools:** MATLAB and Simulink

**Networking tools:** Cisco Packet Tracer

HFFS, ADS, AutoCAD, 8051 microcontroller, Visual Studio, Microsoft Office

**ACHIEVEMENTS / EXTRA CURRICULAR ACTIVITIES**

Member of Prefectorial Board, Islamia English School, 2010-2011.

Reporting head IEEE/ WIE MCS student branch (2015-2016).

An achiever in sports; Basketball, throw-ball, table tennis, badminton and athletics.

Managed an unofficial debating club at NUST; mainly focused on students’ public speaking skills.

Been a part of Parliamentary and MUN styled debating.

Attended LCL Entrepreneurship Conference 2013.

A blogger when not tied up.

A Social activist; manage and promote different community causes on the social websites; Twitter/ Facebook/ LinkedIn.