# Basit Yaseen Janjua, B.Eng

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| Gender | Male | Health | Normal |
| Marital Status | Single | Resident of | Rawalpindi, Pakistan |
| Age | 24 yrs | Languages | Multi Lingual including German |

## Purpose of Communicating

Through this application I desire to excel into specialist areas of Automation, Designing and manufacturing etc and/or acquire further knowledge of global and emerging trends in this niche market.

## Career Objective

I want to enhance my professional abilities and technical knowledge in practical field in order to build a strong dynamic career with an organization by fulfilling the goals of an organization.

## Education

- BE-MTs (Bachelor of Mechatronics Engineering) with a CGPA of (3.14/4.00)
  AIR University, E-9 Islamabad, Pakistan (2012-16)

- FSc (Pre.Engineering) under FBISE (876/1100)
  Fauji Foundation College for Boys, Lalazar, Rawalpindi (2010-12)

- Matriculation under FBISE (865/1050)
  APSACS, Ordnance Road, Rawalpindi (2008-10)

## Job Experience

2016-2017      **MIA Group of Companies, Pakistan**

Designation      Assistant Program Engineer (R&D)

This constitute my first hand direct exposure to emerging trends in mechatronics. During this tenure I was introduced to, and in doing so, got involved with designing and fabrication of switch mode Power supply, 3D designing and simulation of different objects of ongoing projects, Planning and designing of MEP services.

## Early Internships

I undertook various roles to prepare myself for the challenges and opportunities that lies ahead. This included

- **MPCL (Mari Petroleum Company Limited)**

- **ACL (Askari Cement Limited)**

- **FWO (Frontier Works Organization)** to work on New Islamabad International Airport's terminal building.

Whose details can be provided on request.

## Research Projects

I designed Autonomous Navigating All Terrain Robot using DGPS technique by Arduino, which was my final year project. And during my graduation, I also designed general purpose board of 8051 and PIC18F452 microcontrollers, H-bridge both by using transistors and relays, Serial communication by 8051 microcontroller through hyper terminal, LCD interfacing by using 8051 and PIC18F452 microcontroller etc. I also worked on Line following robot by using PIC18F452 without using comparator, 4-bit ALU with multiplication on FPGA, Wall following robot using Arduino, Working on stepper and servo motors through Arduino, Serial interfacing and LCD interfacing through Arduino and navigating robot using mapping through SD card interfacing by Arduino.

## Softwares Literacy

- **AutoCAD (2D, 3D)**
- **Proteus**
- **MPLAB**

- **Solid Works**
- **MATLAB**
- **Arduino**

- **Xilinx**
- **Simulink**
- **RSLogix (Allen-Bradley)**

## Closing Statement

Given the opportunity, I could assist your company beyond a structured role to capture new business or orders through client networking. I am not just technically sound but hold great public addressing and interface skills. By submitting these details, I confirm that all disclosures stands correct to the best of my knowledge.