**Name**: FAISAL IFTIKHAR

Address:

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DOB: 16th December 1994

CNIC NO. 42401-4449004-7

Contact # 03145102027

Personal statement

Effective team player with the ability to communicate with individuals from the diverse levels and backgrounds, stemming from a keen desire for personal development from an early age. The long-term goal is to secure a challenging and technical position with the private/public sector by which learning and progress can develop to a stage whereby corporate success can work in parallel with further personal development.

Education

|  |  |  |  |
| --- | --- | --- | --- |
| University Name | Majors | GPA | Final Year Project |
| Dawood university of Engineering & Technology. | BE Electronics | 3.14 | Disease Identification Using Image Processing of field crops and irrigation automation. |
| Year 2014-2017 | | | |

|  |  |  |
| --- | --- | --- |
| College Name | Majors | Intermediate Percentage |
| **Govt. Higher Secondary School.**  **Noukot, Pakistan.** | Pre- Engineering | 82.27% |
| Year 2011-2013 | | |

|  |  |  |
| --- | --- | --- |
| School Name | Majors | Matriculation Percentage |
| **Govt. Secondary School.**  **Noukot, Pakistan.** | Science | 73.4% |
| Year 2009-2011 | | |

Work Experience

* Home Tuitions
* Internship at Pakistan International Airlines.

In PIA Engineering & Maintenance, i worked in Base Maintenance, Radio overhaul workshop, Electrical overhaul workshop, Line Maintenance.

* Internship at Siemens Pakistan Engineering Co. Ltd.

In EM DG Business Unit, I worked in its Sub-Divisions i.e Control & Protection, Teleprotection, SCADA, Sales and Marketing.

* Participated in Dawood University Robotics Competition 2016 (DURC 2K16) at Dawood University Of Engineering & Technology.
* Participated in National Mathematics Olympiad 2016 (NMO’16) at Sukkur Institute of Business Administration

FINAL YEAR PROJECT

“Disease Identification Using Image Processing of field crops and irrigation automation“ proposed a reliable way to automate the irrigation system for the better production of crops by using alternate energy resources. The objective is to supply water to the fields through solar powered water pump and automate the system for better management of resources and identify the diseases of crops by using image processing on MATLAB. The farmer (user) can water the fields from any place using GSM technique which provides an acknowledgement message about the situation and possesses high applicability and research potential according to the needs of Pakistan’s agricultural sector.

KEY SKILLS

* Microsoft Windows 200/XP/Server/Vista
* Proficient in Microsoft Office 2000/XP/2003/2007/2013
* Paint Shop, PLC, Arduino
* MS Publisher, Front Page
* MATLAB, LTSpice
* Dev-C++ & LabView.
* Cisco Packet Tracer.

SEMESTER PROJECTS

* Power Supply (Variable and Fixed)
* 7-Segment Display
* Relay Switch
* Filters
* Transmitter and Receiver
* Ammeter
* Temperature maintenance of plant using temperature control & Arduino
* Active Noise Cancellation (ANC) using Adaptive Filter on Simulink.
* Robosumo Bot.
* RFID BASED Electronic Voting Machine.

Hobbies & Interests

* Research and Development
* Control Systems

**REFRENCES WILL BE PROVIDED ON REQUEST**

References

References are available on request.