# Rana Jehanzeb Jabbar                                    CV

First name: Rana Jehanzeb
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Gender/Marital Status: Male / Single
Email: ranajehanzebjabbar@yahoo.com
Date of birth: 01.04.1994
Citizenship: Pakistan
Cellular: +92-304-1050403
Languages: English (Fluent), Urdu (Native), Punjabi (Fluent)
Postal Code: 41200
Current Residence:  House # 10-A, Block # 1, Near Chauhdary Medical Store, Main Bazar Jauharabad, District Khushab, Punjab, Pakistan.

## Career Objective:

I am looking for a good position in the field of E&I in a prestigious company where previous skills and capabilities can be put to efficient use. I possess effective academic and organizational skills, the ability to supervise as a team, and be productive at the end of the day.

## Education:

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| **University of Bradford, U.K (Namal College, Pakistan).** BEng Electrical and Electronic Engineering. | **2011-2015** **(CGPA 3.01/4.0)** |
| **D.P.S & I.C. Khushab (Jauharabad).** Higher Secondary School Certificate (BISE Sargodha, Pakistan). | **2009-2011** **Grade: A** |
| **D.P.S & I.C. Khushab (Jauharabad).** Secondary School Certificate (BISE Sargodha, Pakistan). | **2007-2009** **Grade: A+** |

## Experience:

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| **Sitara Chemical Industries Ltd. (SCIL), Pakistan.** | **Nov. 2016 – June 2017** |
| **Turnotech Pakistan (Pvt.) Ltd.  (RF Engineer).** | **March 2016 – Aug. 2016** |
| **Huawei Technologies Pakistan (Pvt.) Ltd.** | **Sep. 2015 – Feb. 2016** |
| **Siemens Engineering Co. Ltd., Pakistan.** | **Aug. 2014 – Sep. 2014** |
| **Pioneer Cement Ltd. (PCL), Pakistan.** | **May. 2014 – July. 2014** |

## Summary of Skills:

- **Final Year Project (Car Parking Guidance System):**
  This project was individually completed by me. It included micro-controller (PIC18F452) to control the functionality of the system, IR sensors for bay detection and DC motor controlling a barrier movement. Moreover, this system displayed the most nearest bay on the LCD (QC1602A) in order to facilitate the car driver to park the car at nearest bay, which saves time as well as avoids accidents. At the entrance, a barrier was functioning manually with a switch in order to allow or stop car entrance in the parking space. The prototype included three bays, and it can be extended for more bays. The complete micro-controller circuit board is designed on the PCB, and IR sensors circuit board is designed on the Vero-board. The coding was done in MPLAB IDE v8.86. Finally, complete circuit was tested and required results were obtained.
- PLC (SIEMENS, MITSUBUSHI), DCS (HOLLYSIS, SUPCON).
- Work on PLC (SIEMENS), Sematic S7 300, 200, 1200 and Communication With DCS.
- Installation, calibration and loop checking of the field instruments.
- Work on HV, LV Switch Gear (SHENIDER) and Control Wiring and Interlocking of System.
- Review of control philosophy, P&I diagrams, cause & effect diagrams, instruments list and flow chart.
- Plan & Perform Maintenance and Inspection activities.
- Technical Support for the team.
- $CO_2$ Plant installation, testing and trouble-shooting.
- Rectifier Plant (14kA & 16kA) project planning, installation, team management, trouble-shooting and testing.
- Overview of Grid Station, PT, CT, Transformers.
- Reporting periodically to Project Manager; Plan and Schedule daily activities on Site.
- Equipment Ranking & Critical Spare List.
- Plan & Arrange The Safety Lectures According to the Work Condition.
- Strong Interpersonal Skills, Planning and coordination.
- Good knowledge of LTE Architecture & Features (MIMO, ANR, CSFB and MLB).
- Cross verification of LTE RF Parameters (PCI, TAC, MNC, MCC, Root Sequence Index, Local Cell ID, Cell ID, EARFCN, RS Power and Bandwidth).
- KPI Analysis & Monitoring.
- Soft & Hard parameter optimization to improve RSRP, RSRQ & SINR.
- Identify LTE coverage hole and perform parameter optimization.
- SSV, Cluster Optimization & Bench marking Reports.
- LTE Post Processing (FDD-1900MHz).
- DT logs analysis using Assistant & Probe (Huawei Analysis Tools).

## Softwares:

- SIMATIC MANAGER.
- Total Integrated Automaton (TIA Portal).
- WinCC flexible.
- Advan-Trol.
- SC-Key.
- Roxio Creator.
- GENEX Probe.
- GENEX Assistant.
- Actix Analyzer 5.0
- MapInfo.
- Microsoft Word, Power-point, Excel.
- MPLAB.
- MATLAB.
- C & C+.

## Honors & Awards:

- Fully funded scholarship during undergraduate study (University of Bradford, UK)
- Half funded scholarship in HSSC (Intermediate) and SSC (Matriculation).
- Rescue-1122 training certificate.
- Basket-ball certificate.

## References:

1. MUHAMMAD HANIF (Assistant Professor), Department of Electrical and Electronics Engineering (Namal College Mianwali, Pakistan), Cellular: +92-333-6528314, Muhammad.hanif@namal.edu.pk

2. MUHAMMAD SAQIB ILYAS (Assistant Professor), Department of Computer Science (National University of Computer & Emerging Sciences (NUCES), Pakistan), Cellular: +92-321-2091858, Saqib.ilyas@nu.edu.pk