Sardar Husnain Nisar

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**Nationality:** Pakistani

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**Personal Statement**

To work in a challenging environment, where I can apply my technical knowledge and managerial skills in order to achieve the desired goals.

**Education**

**Capital University of Science and Technology Islamabad**

**Electronic Engineering CGPA: 3.26/4.0** Completion Year: 2016

**Chinar Science & Computer College Azad Kashmir**

**FSC (ICS) 65.72%** Completion Year: 2012

**Matriculation (Science) 69.52%** Completion Year: 2010

**Work Experience**

* Sales Engineer at **Rawal Industrial Equipments Pvt. Ltd. (RIE)** since one Year (sister concern of **Toyota Rawal Motors**). RIE (is sole distributer of LiuGong, Shacman and Weichai Genset) deals in heavy machinery mostly Loaders, Graders, Excavators, Road Rollers, Generator, Prime Movers and Dump Trucks.
* Trainee Automation Engineer at IconSystems from August 2015 to August 2016 (Part Time)
* Worked as an internee at TeReSol, where I gained essential professional experience along with technical knowledge about FPGA.

**Final Year Project**

* **Cleaning In Place**
* Developed and implemented an automatic cleaning of Production Tank using PLC (S7-1200 by SIEMENS)
* Real time monitoring of the automatic cleaning system is done using HMI
* Cleaning is done employing hot water, acid and alkaline solutions.
* This device is very cost effective and very quick compared to other methods.
* It provides the option of augmented production and reduces manual labor

**Projects**

* Automatic Tool Plaza using Load Cell and Arduino
* Small scale industrial Batch Reactor using PLC
* Controlling motor speed using PID controller
* Buzzer circuit using Arduino board
* Line follower robot
* Speed control of Fan using temperature sensor

**Awards and Certificates**

* **Awarded with ICT fund for Final Year Project**
* **Final Year Project funding (Partial) by IconSystems Pvt. Ltd.**
* **3rd position in 6th Industrial Open House of University**
* Dean of Honor for securing 3.6 GPA in 8th semester
* Dean of Honor for securing 3.69 GPA in 7th semester
* Dean of Honor for securing 3.53 GPA in 6th semester
* Attended PEC workshops on Software Define Radio with 1 CPD
* Attended PEC workshops on FPGA with 1 CPD
* Attended PEC workshops on PLC and HMI with 1 CPD
* Attended event TECTIQS’14 at IQRA University
* Organized IEEE event IJSEC 2014 and 2015
* Organized JSPark event “5th Industrial Open House 2015”
* Organized IEEE event PSCSC 2016

**Professional Affiliations**

* Professional affiliation with Pakistan Engineering Council as Registered Engineer **(PEC # 23859)**
* International Member of IEEE
* International member of IEEE Control Society

**Trainings**

* Several Trainings of Sales by Shacman, Weichai and AsiaStar Officials
* Service and Sales trainigns by Liugong Officials