**Gulfjobseeker.com CV No:** **1297350**

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<http://www.gulfjobseeker.com/feedback/contactjs.php>

*MS Electrical Engineering* graduate, with:

* Strong and consistent academic record of distinction average
* Leadership and teamwork skills gained through university societies and sport clubs
* Quick learner with excellent communication skills gained through job and class representation

**Education**

**Master of Engineering (Electrical/Electronics) ( 77% )**

 *University of Western Sydney, Australia* Jul 2012 - Sep 2013

**Bachelor of Engineering Sciences (Semiconductor and Superconducting Devices)**

 *Ghulam Ishaq Khan Institute of Engineering Science & Technology, Pakistan* Aug 2007 - Jun 2011

**Major Subjects:**

* Advanced Electrical Machines and Drives
* Advanced Control Systems
* Master Project (Thesis- Power Factor Correction)
* Engineering Software Applications (ANSOFT)
* Sustainable Design

**Research and Projects:**

* **Power Factor Correction**- *Master Project:* (Thesis Report, methods of improvement, simulation and implementation of methods with results)
* **Robotic Book Scanner**- *Final Year Project:* (A robotic hardware design included microcontrollers with GUI is used to automatically turn pages and a camera is used to take images)
* **Design Model of An Induction Motor** (Built a design model of a reluctance motor in ANSOFT and checked the force for different values of different parameters)
* **Magnetic Levitation** (A circuit using electromagnet, light dependent resistor and operational amplifiers is built to levitate a magnetic ball in air)
* **Simple As Possible (SAP) Computer** (A 8-bit architect of a basic CPU by using logic gates)

**Employment History**

**Matson Automotive Industries Pty Ltd, St Mary’s, NSW** Dec 2012 - Feb 2013

***Trainee***

Responsibilities:

* Equipment selection for suitable conditions
* Technical support to sales team
* General Maintenance and service

**Pakistan Telecommunication Company Limited (PTCL)** Jan 2010 - Mar 2010

***Internee***

Responsibilities:

* To understand and troubleshoot “Main Distribution Frame (MDF)”.
* To visit and analyze field sites

**Technical Skills**

**Matrix Laboratory (MATLAB)**

* Solved Control Systems problems to find the root locus and to discuss the stability of system
* Synchronized a camera with robotic scanner to automatically take picture of each page

**ANSOFT**

* Designed a model of an induction motor to check the impact of certain parameter on force

**Microcontrollers**

* Designed a robotic book scanner and synchronized it using assembly language coding

**General Aptitude Test (GAT)**

* Achieved 98 percentile in GAT test, April 2014

**Organizational and Time Management Skills**

**Studies**

* Successfully managed full time study (post grad.) along with part time and voluntary work
* Played in sports club, organized and approved sports events and lead cricket team on more than one occasions, prioritize responsibilities and always performed well in exams

**Societies and Sports Club**

* Organized an international event as lodging head and liaison team member
* Managed a society as Vice President and got approval of many events

**Part Time Job**

* During MS studies, supervised Nando’s restaurant for 10 months

**Professional Membership**

**Pakistan Engineering Council (PEC)**

* Graduated in Engineering Sciences from Ghulam Ishaq Khan Institute

**Association for Computing Machinery (ACM) - International Chapter**

* Organized an international event as *lodging head* and a member of liaison team
* Organized intra university quiz and speed wiring competition

**Photo-Optical Instrumentation Engineers (SPIE) - GIKI**

* Vice president of the society
* Arranged seminars to promote SPIE

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