TARIQ REHMAN

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Religion: Muslim
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OBJECTIVE:

To establish myself as a dynamic and competent Industrial Electronics Engineer in an environment that will provide me opportunities to use my current skills and develop new ones.

ACADEMIC CREDENTIALS:

Particulars	*Institution*	*%/Grade*		*Passing Year*
M.E. *(INDUSTRIAL ELECTRONICS)*	NED University Of Engineering And Technology Karachi	-	-	STUDYING
B.E. *(INDUSTRIAL ELECTRONICS)*	Institute Of Industrial Electronics Engineering(NED UET) Karachi	75.5	A	Dec-2008
H.S.C. *(PRE-ENGINEERING)*	DJ Sindh Govt. Science College Karachi.	72	A	May-2004
S.S.C. *(SCIENCE)*	Gulshan-e-Hadeed Public School Karachi.	80	A-1	May-2002

EXPERIENCE:

- Teaching as a Lecturer at NED(UET) (31-Dec-2009 to Present)
- Teach as a Junior Lecturer at BAHRIA(UET) (01-Sep-2009 to 30-Dec-2009)

TECHNICAL SKILLS:

- Capability of designing software over PLC (SIEMENS-S7 300 CPU-314-IFM).
- Fundamental knowledge of Control Engineering.
- Fundamental knowledge of Communication Electronics specially Modulation techniques, AM, antenna and wave propagation and fiber optics.
- Fundamental knowledge of Power Electronics devices.
- Experience in PCB Designing and manufacturing including layout and Artwork, Development of Negative & Positive Film and Etching Process.
- Fundamental knowledge of Electronic Instrumentation.
- Fundamental concepts of Analog and Digital Electronics devices specially op-amp, logical gates.

COMPUTER SKILL:

- Programming concepts of ASSEMBLY language and C-language.
- Complete command on AutoCAD 2000 especially 2D, 3D and Isometric designing.
- Fundamental concepts of engineering software are like STEP 7, MATLAB 7 and PCB schematic and layout designing software like OrCAD 9.

ACADEMIC PROJECTS:

- FINAL YEAR PROJECT:

Virtual Industrial Power Panel:

Project features are as follow:

  - Designed and fabricated DAQ-Card using 8051 microcontroller.
  - Enhanced DAQ card to 16 analog and digital channels.
  - Induction motor was interfaced to analog channel.
  - LABVIEW 8.2 was used as HMI.
  - Virtual Instrumentation.
  - Power and Power Factor Measurements.
- Vibration Detector with Parallel Port Interfacing on Lab VIEW software.
- Three Dimensional Dish Antenna Positioning Control Systems through PID controller.
- Variable DC Regulated Power Supply.

INTERNSHIP:

- 4 weeks Internship in **Pak Suzuki Motors Co.Ltd**. (14-Jan-08 To 09-Feb-08)