

# RAMISH KHALIL

*Electrical Engineer*

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## OBJECTIVE:

To join an organization which provides a challenging environment of excellence for me to display and use my skills and talents to add to the company's goals and growth.

## ACADEMICS:

<b>B.Sc. Electrical Engineering:</b> UET Lahore	CGPA: 3.689	2014 - 2018
<b>F.Sc. (Pre-Engineering):</b> GCU Lahore	Percentage: 92.54%	2012 - 2014
<b>Matriculation:</b> Divisional Public School Township, Lahore	Percentage: 92.38%	2010 - 2012

## PROFESSIONAL EXPERIENCE:

### Teaching Assistant of Dr. Haroon Atique Babri

#### Sui Northern Gas Pipeline Limited Lahore, Pakistan

6 weeks Summer Internship, 2016

- ✓ Detailed study of GAS turbine based Local Generation System
- ✓ Brief overview of Co-Generation Plant

#### National Transmission and Despatch Company Lahore, Pakistan

6 weeks Summer Internship, 2017

- ✓ Complete overview of Ravi Grid Station (GIS, AIS)
- ✓ Study of Resource Planning of Power Sector of Pakistan

## PROJECTS:

### 3D PCB Printer

Final Year Project, 2017-2018

- ✓ Design of Electrical and Mechanical model for optimum solution
- ✓ Development of Computer based software using Lab View

### Three Phase Inverter

- ✓ Simulation on Multi-Sim software
- ✓ Development of precise hardware
- ✓ Computer based software of SPWM and 180,120 degree conduction modes

### Power System Design and its Load flow analysis

- ✓ Sample power system design using PWS
- ✓ Load flow analysis and Contingency analysis using PWS

### Digital Clock Design and Implementation

### Sinusoidal, Triangular, Saw-Tooth Signal Generator

### Speed Control of Single Phase Induction Motor

### Design of Single-Phase and Three-Phase Transformer

### Self-Balancing Robot

- ✓ Design of hardware for optimum design
- ✓ Development of computer based software using Keil uVision(STM Board)

### Implementation of Combinational and Sequential Circuits on FPGA

### Study of Impact of FACTS devices on Transmission Line in MATLAB

### DC Power Supply

## CO-CURRICULAR ACTIVITIES:

- ✓ Member of IEEE Society of UET LAHORE
- ✓ Participated in International Kangaroo Mathematics Contest and got 25<sup>th</sup> position in Pakistan
- ✓ Received gold medal from D.P.S Lahore on securing high marks in Matric exam

## COMPUTER PROFICIENCY:

- |                         |                    |                             |
|-------------------------|--------------------|-----------------------------|
| ✓ MATLAB                | ✓ MultiSim         | ✓ PSim                      |
| ✓ LabView               | ✓ Microsoft Office | ✓ Microsoft Visual Studio   |
| ✓ Proteus               | ✓ Xilinx           | ✓ Keil uVision / C language |
| ✓ Power World Simulator | ✓ WinSpice         | ✓ Micro Controllers         |

## INTERPERSONAL SKILLS:

- ✓ Quick Learner
- ✓ Critical and Creative Thinking
- ✓ Team work spirit
- ✓ Problem Solving skills
- ✓ Effective Communication
- ✓ Analytical skills
- ✓ Leadership Qualities

## INTERESTS:

Mathematics | TED Talks | Free Lancing | Cricket | English Seasons | Video Games | Socializing