

# MUHAMMAD NOAMAN

HOUSE NO. A-18/3, PAF COMPLEX SECTOR E-9 ISLAMABAD

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## OBJECTIVE

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A purposeful position in an organization that confederates opportunities of professional growth and performance improvement through challenging job assignments and to create mutual benefits. To bring my ideas to reality. Required a chance to explore, think, learn, and create innovations.

## EDUCATION

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<b>Bachelor of Engineering in Electrical Engineering</b> Bahria University Islamabad.	September 2014 - June 2018
<b>HSSC</b> Fazaia Inter College E-9 Islamabad. percentage 74.18%	August 2011 - May 2013
<b>SSC</b> Fazaia Inter College E-9 Islamabad Percentage 81.04%	March 2009 - July 2011

## PROJECTS

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<b>Implementation of inductively coupled wireless power transfer</b> <i>Major Project(FYP)</i> Transformation of power wirelessly up to distance of 40 cm Get an output current of 2Amperes and output power of 100watts to charge electric vehicles batteries and other portable devices. The basic principle involved in 'Wireless Electricity/wireless power transmission' concept is, two objects having same resonating frequency and in magnetic resonance at Strongly coupled regime tend to exchange energy, while dissipating relatively little energy to the extraneous off resonant objects. The operating frequency range is in the kilohertz range.8	January 2018 - May 2018
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### SEMESTER PROJECTS

SAP-1 (CAO)  
Metal detector (ECD)  
Speech recognition on C# (OOP)  
Mobile charger  
Digital clock (DLD)  
Digital bank counter system(DLD)  
Music operated LEDs (BE)  
Four-way traffic light signal using Ladder Logic Diagram (I&A)

## SKILLS AND INTERESTS

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<b>Technical Skills</b>	AutoCAD, MATLAB, Proteus, Xilinx, C++, PCB designing, assembly language, homer legacy, ladder logic diagram (GMWIN)
<b>Other skills</b>	MS office, excellent communication, Team building, Multi-tasking, interpersonal skills, decision making.
<b>Interests and activities</b>	work on activities that includes practical, hands-on problems and solutions, reading newspaper, sports, hiking, watching movies

**Design Software**

AutoCAD, MATLAB SIMULINK, Proteus, Xilinx, Keil uvision, Packet tracer.

**INTERNSHIP/TRAININGS**

June 2017-August 2017

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**Successfully done internship at Bahria University Islamabad**

Design a solar photovoltaic diesel hybrid system.

Design a biomass electricity generating cost efficient system

Design a solar and wind turbine combined system in which energy is also given to grid station.

**POSITION OF RESPONSIBILITY**

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Simulation of micro-hydro turbines and bio-mass generators.

To gain socio-economic benefits of micro-hydro turbines and bio-mass generators using HOMER LEGACY tool.

Determination of possible power capacity for different sites based on the total net present cost.

Work on solar renewable energy and wind turbines simulations using homer legacy software

**WORK EXPERIENCE**

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**MILLAT TRACTORS LIMITED LAHORE****RESPONSIBILITIES**

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Assembly of 25KVA generators set.

Assembly of tractors engines.

Over all tractors assembly.

Works at department of sales and marketing at millet tractors ltd.

**EXTRA CURRICULAR ACTIVITIES**

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Attended seminar on “Automation and Control Systems” organized by IEEE in 2016.

Achieve first prize in Mathletics competition at AIR University Islamabad, from April 29-1<sup>st</sup> May 2016 leading football team in zonal competition and got first prize.

Attended workshop on safe switching and maintenance.