CURRICULUM VITAE
ATIQA DAWOOD

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STATEMENT

As an Electrical Engineering graduate, I look for opportunities that allow me to grow and learn both professionally and on a personal level. I am a self-motivated, hardworking student that would be honored to invest myself and make a difference at your institute.

EDUCATION

Year	Qualification	Institute	GPA/%
2014-2018	Bachelor of Science Electrical Engineering	Pakistan Institute of Engineering and Applied Sciences	3.55
2012-2014	Higher School Certificate	Punjab College Gujrat	91%
2010-2012	School Certificate	Sanai School System Sargodha	95%

INDUSTRIAL WORK

TRAINEE ENGINEER, National Engineering Services Pakistan (NESPAK),
[JUNE 2017 – JULY 2017]

- Professional lighting designing using software, **DIALux.**
- Designing, calculation and visualizing light professionally for single room whole floors, buildings and outdoor scenes and interaction between indoor and outdoor scene using, **DIALux.**
- **Chart** studying for Metro Bus Project.

MANAGEMENT INTERN, Pakistan Institute of Nuclear Sciences and Technology (PINSTECH),
[JULY 20, 2017 – AUGUST 31, 2017]

- This internship focused on understanding how an entire system is managed, the entire process was experienced firsthand and included tasks such as engaging with people at the front desk.

PROJECTS

Thesis Topic: Smart Switching & Control of a Distributed Generator synchronized with National Grid.

Details:
- Control & real-time HIL (Hardware-in-the-Loop) simulation of the system through LabVIEW software.
- Development of custom auto-syncing modules in LabVIEW software.
- Switching of both sources through Bus Bar modules during differing loading conditions.

Software used:

MATLAB.
LABVIEW.

PROJECT: Design & Implementation of a regulated DC Power Supply.
PROJECT: Design of timing sequential Circuit for a 4way traffic Signal.
PROJECT: Design & Implementation of an Audio Amplifier.
PROJECT: Design and Implementation of Pure Sinusoidal Wave Inverter.
PROJECT: Inverter design and operation of 220v fan.

SOFTWARE SKILLS

Visual Studio C++, Microsoft (Word, Excel, PowerPoint), MATLAB, Simulink, Multisim, Altium, LabVIEW, Arduino, Proteus, Power World Simulator.

ACTIVITIES & INTERPERSONAL SKILLS

IEEE:	Head Info Division	2014-2015
PVS (PIEAS Volunteer Society):	Member	2014-present
PTS (PIEAS Thematic Society):	Member	2015-present
PLS (PIEAS Literary Society):	Member	2014-present
PPAS (PIEAS Performing Arts Society):	Member	2015-present
Freelancing		2015 to onward
Takmeel (A Volunteer Project):		2015-present
Volunteer Teaching at schools:		(July 2015-August2015)
English Literary Society:	President	2011- 2012
Pion (PIEAS National Olympiad):	Organizer	2014-2017
NUKTA (PIEAS National Event):	Organizer	2014-2017

- 100% merit scholarship in Higher secondary studies
- Was awarded by a cash amount of 200000 PKR by Chief Minister Pakistan
- 3rd Position Bronze medal in BISE Gujranwala
- Good communication and presentation skills
- Positive attitude
- Team Work