
AYESHA WARSI

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OBJECTIVE

To obtain a challenging position in an environment which utilizes state-of-the-art, software and/or hardware components in a creative, technology- driven organization that encourages innovative thinking, recognition and career development.

ACADEMIC QUALIFICATIONS

2021- Present M.Engg in **Computer System Engineering** from **NED** University.

2016-2020 B.E in Telecommunications Engineering from **NED** University
With **CGPA= 3.925/4.0 (First Position Holder)**

2014-2016 Intermediate (Pre-Engineering Group) from **Sir Syed Govt. Girls College**
With **A-one grade**

2012-2014 Matriculation (Science group) from **St. Jude's High School**
With **A-one grade**

WORK EXPERIENCE

INTERNSHIP:

- Pakistan Civil Aviation Authority (October, 2018)

Held internship of 4 weeks at Civil Aviation Authority. This internship involved learning at various sections in Engineering department of the organization including Radar, Transmitter, Aeronautical Message Handling System (AMHS), Equipment Control Room (ECR) and Air Traffic Controller room.

MAJORS:

- | | |
|-----------------------------------|-----------------------------|
| ✚ Signals & Systems | ✚ Digital Logic Design |
| ✚ Digital Signal Processing | ✚ Telecommunication Network |
| ✚ Antenna & Microwave Engineering | ✚ Digital Image Processing |
| ✚ Wireless & Mobile Communication | ✚ Satellite Communications |
| ✚ Optical Fiber Communication | ✚ Telecommunication |
| ✚ Digital Comm. & Info. Theory | Switching System |

TOOLS AND LANGUAGES

SOFTWARE SKILLS:

- ✚ MS office
- ✚ Turbo C
- ✚ Proteus
- ✚ ADS
- ✚ Multisim
- ✚ MATLAB
- ✚ LabView
- ✚ Packet Tracer

HARDWARE SKILLS:

Have Hands-on-experience in using **Arduino**.

COMPUTER LANGUAGES:

- ✚ C (Programming Language)
- ✚ Assembly language (primary level)

CERTIFIED TRAINING COURSES

✚ **CCNA (ROUTING AND SWITCHING):**

Have acquired a training (of 96 Credit Hours) in professional development course of **CCNA** (Routing & Switching) from Usman Institute of Technology.

✚ **MACHINE LEARNING COURSE:**

Have learned about Machine Learning from the course being offered by *Stanford University* via Courseera Platform.

✚ **DATA SCIENCE COURSE:**

Have gained knowledge related to Data Science from the course offered by *IBM* via Courseera.

FINAL YEAR PROJECT

PROJECT TITLE:

SMART METERING USING POWER LINE COMMUNICATION.

SALIENT FEATURES:

- ✚ To demonstrate that both data and electricity can be transmitted using the same existing electrical wirings.

OTHER ACADEMIC PROJECTS

- ✚ Devised an obstacle avoiding robotic car.
- ✚ Designed spectrum analyzer with Arduino.
- ✚ Designed dark sensor LED using LDR.
- ✚ Audio transmission using IR.
- ✚ Data transmission and reception using IR .

- ✚ Designed a complete system ,interfacing 8088 micro-processor with 8255 PPI using 2816 EEPROM and other ICs.

ACHEIVEMENTS

- ✚ Batch's Gold-Medalist For achieving First Position.
- ✚ Have attained 4.00 out of 4.00 GPA in all major subjects related to Telecom Engineering.
- ✚ Final Year Project has been selected among Best FYPs of the NED University for the year 2020.

EXTRA CURRICULUM ACTIVITIES

- ✚ Participated in 6th Dawn in Education National Spelling Bee Competition.
- ✚ Participated in Inter-School English Debate competition held in the year 2013.
- ✚ Attended a one-day workshop on "Learn, Network, Connect", held at NED university, karachi.

REFERENCES

Will be furnished upon request.