

Contact

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Zeshan Alam

Engineer Manager

I am an energetic and ambitious individual, who has acquired a mature and responsible attitude in whatever task I undertake. I like to apply the knowledge learned to solve difficult and challenging problems. I believe in communication, devotion, team-work and creative problem solving.

Experience

2/2021 - 1/2023

Ghulam Ishaq Khan Institute of Engineering Sciences & Technology

Graduate Research Assistant

Responsibilities:

- Responsible for carrying out administrative duties.
- Prepared summaries of academic conferences, and presentations.
- Drafting of technical papers for research purposes.
- Assisted professor in preparation and checking of assignments, quizzes and course work.
- Working as a graduate research assistant at an academic institution has instilled qualities in me like strong work ethic, flexibility, multi-tasking and detail oriented.

9/2019 - 11/2019

Peshawar Electric Supply Company (PESCO)

Trainee Engineer

Responsibilities:

- To gain hands-on experience about physical structure of a grid station.
- Learned to operate about protection systems used at grid station.
- To gain Knowledge about equipment, devices & tools used at grid station.

1/2019 - 5/2019

National University of Computer and Emerging Sciences (FAST)

Teaching Assistant

Responsibilities:

- To assist professors in course work, 20 hrs per week.
- To manage campus management system.
- To set & check quizzes and assignments.
- To Help students in the assigned courses.
- To support classroom activities, tutoring, and reviewing work.

6/2017 - 8/2017

Pakistan Telecommunication Company Limited (PTCL)

Internee

Responsibilities

- To gain knowledge about installing new devices.
- To gain Knowledge about company's product.
- To gain knowledge about structure of telephone/Internet networks.
- To gain knowledge about the soft/modern switches & MSAG.
- To gain knowledge about the power & backup system of PTCL.
- To gain Knowledge about optical fiber cables and its installation

Education

2021 - 2023

Ghulam Ishaq Khan Institute of Engineering Sciences & Technology
Master of Science (Engineering Management)

CGPA: 3.75/4.0

2015 - 2019

National University of Computer & Emerging Sciences (FAST)
Bachelor of Science (Electrical Engineering)

CGPA: 3.34

2013 - 2015

Higher Secondary School Certificate (Pre-Engineering)
Peshawar Model Degree College for Boys

Percentage: 68.45%

2011 - 2013

Secondary School Certificate (Science)
Peshawar Model School - Boys 2

Percentage: 80.7%

Research Projects

Master's Final Thesis

- *Enhancing the Adaptability of Pakistan's Agriculture Industry by Implementing Drone Technology and Climate Change Resilience Strategies.*

Course: Supply Chain Management

- *A hybrid approach based on AHP-TOPSIS for analyzing barriers in implementation of digital transformation of supply chain.*
- *Harnessing the power of technology in supply chain integration.*

Course: Engineering Management

- *The critical growth factors of women owned SMEs in an Emerging Economy: Simulation based on Fuzzy TOPSIS Approach.*

Bachelor's Final Thesis

- *PLC Based Energy Management System.*

Bachelor's Semester Project

- *Water Level Indicator Using Seven Segment Display.*
- *Home Automation using HC-05 and HC-06 module.*

Honors & Achievements

6/2022

Deans Honor Roll (Awarded to students, securing SGPA above 3.5).

12/2021

Deans Honor Roll (Awarded to students, securing SGPA above 3.5).

2/2021

Fully Funded Master's Fellowship.

2019

Gold Medal (Semester Medal for securing highest SGPA in the Batch).

2018

Bronze Medal (Semester Medal for securing third SGPA in the Batch).

Certifications

- **6/2020**
Safety in the Utility Industry (Online – Coursera)
- **4/2020**
Natural Gas (Online – Coursera)
- **3/2020**
Electric Power Systems (Online – Coursera)
- **12/2019**
PLC Training completion certificate.
- **11/2017**
Arduino Workshop Completion Certificate.

Skills

- **Technical Skills**
 - ◆ MS Office.
 - ◆ Process Optimization Techniques (Linear/Non Linear Models, Goal Programming, MCDM) .
 - ◆ Economic, Social & Environmental Analysis Techniques.
 - ◆ Lingo Software.

Languages

- **Urdu**
Native or Bilingual Proficiency
- **English**
Professional Working Proficiency

Interests

- **Playing Batminton**
- **We Surfing**
- **Volunteer Work with societies at university**