



Keenjhar Ayoob

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ABOUT MYSELF

I am a skilled Research Intern with expertise in Robotics, Mechatronics, and machine learning. I have experience in teaching AI, developing algorithms, and solving complex problems in research, with a passion for innovation and writing research papers.

EDUCATION AND TRAINING

CURRENT Islamabad, Pakistan

DOCTOR OF PHILOSOPHY (PHD) / COMPLETED COURSE WORK WITH 3.5 CGPA College of E & ME (NUST)
College Of Electrical And Mechanical Engineering N, Rawalpindi,

Rawalpindi, Pakistan

MASTERS OF SCIENCE, MECHATRONICS ENGINEERING WITH RESEARCH IN MACHINE LEARNING
COMPLETED PROFESSIONAL DEVELOPMENT IN SUBJECT IMAGE PROCESSING (MACHINE LEARNING)
College of E & ME (NUST) College Of Electrical And Mechanical Engineering N, Rawalpindi,

Nawab-Shah, Pakistan

BACHELOR: ELECTRONICS ENGINEERING 3.5 CGPA Quid E Awam University of Science And Technology
Nawab-Shah

WORK EXPERIENCE

01/11/2022 – CURRENT Rawalpindi, Pakistan

ENGINEER RESEARCHER COLLEGE OF ELECTRICAL AND MECHANICAL ENGINEERING

- working on a project of robotics
- time dependent reliability analysis of 6-dof manipulator
- writing journal paper

01/09/2019 – 30/12/2022 Islamabad, Pakistan

UNIVERSITY ENGINEERING TEACHER METROPOLITAN INTERNATIONAL UNIVERSITY

1. Analysis of Algorithm Assisted students during office hours to review material, explain exam questions and answer concerns.
2. Created instructional and lecture plans for classes in compliance with course objectives

01/08/2018 – 30/09/2019 Nawab-shah, Pakistan

INTERNSHIP TRAINER

- maintenance of computers

01/01/2014 – 30/09/2015 Nawab-shah, Pakistan

INTERNSHIP QUID E AWAM UNIVERSITY OF SCIENCE AND TECHNOLOGY QUEST

- Attended and participated in meetings and brainstorming sessions with team members.
- Maintained accurate records and files pertaining to departmental areas of responsibility.
- Assisted with event planning, support and execution of virtual and in-person engagements.

- Work 6 Months at switching Department and 6 months in Transmission Department
- Understood and followed oral and written directions. Worked successfully with diverse group of coworkers to accomplish goals and address issues related to our products and services.
- Prioritized and organized tasks to efficiently accomplish service goals.
- Assisted with customer requests and answered questions to improve satisfaction.

● LANGUAGE SKILLS

Mother tongue(s): **SINDHI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C1	C2
URDU	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

● PUBLICATIONS

2021

An optimized magnetic micro robotics for two dimensional manipulation

ICRAI 2021

● TECHNICAL SKILLS

05/10/2016

LINUX (Ubuntu)

Certificate of participation for a One day work shop at college of electrical and mechanical engineering

01/04/2013 – 28/04/2013

Image processing using MATLAB

Training course of image processing using MATLAB at department of computer science (QUEST)

29/07/2024

Introduction to programming with MATLAB

An online non credit course authorized by vanderbilt university and offered through coursera

12/02/2024

Mastering program with MATLAB

An online non credit course authorized by vanderbilt university and offered through Coursera.

09/02/2024

Robotics: Aerial robotics

An online non credit course authorized by Pennsylvania university and offered through Coursera.