

MUHAMMAD TAUHA SULTAN

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IQBAL TOWN
RAWALPINDI 46000

EDUCATION

PHD	COMPUTER SCIENCE UNIVERSITY OF WAH	In progress
MS	COMPUTER SCIENCE Muslim youth University ISB, Computer Science Thesis: "CHICK PRODUCTION EFFICIENCY THROUGH HYBRID MACHINE LEARNING MODEL"	Nov 2025
BS	INFORMATION TECHNOLOGY Arid Agricultural University Rawalpindi, Computer Science BS Project : IOT Egg Incubator	Sep 2023
DAE	Government college of technology Rawalpindi Mechanical Specialization in HVACR	Aug 2019
Matric	Government comprehensive boys high school Rawalpindi BISE RAWALPINDI	Apr 2016

CERTIFICATES

MICROSOFT OFFICE SPECIALIST (MOS 2013)	2017
CYBER SECURITY CISCO CCST	2024
CLOUD COMPUTING Microsoft Certified Azure Fundamentals	2024

RESEARCH EXPERIENCE

Research topics:

- Optimizing Chick Production: Predictive Modeling under Controlled Environmental Conditions using ML and IoT
- CHICK PRODUCTION EFFICIENCY THROUGH HYBRID MACHINE LEARNING MODEL
- IoT and Edge Computing for Real-Time Monitoring and Predictive Analysis in Ostrich Hatcheries

TEACHING EXPERIENCE

Teaching Experience

Government College of Technology, Rawalpindi

Jan 2020 – Apr 2026

- Instructor for CBTA HVACR and Aluminum Fabricator Courses
- Developed course materials, conducted lectures, and assessed student performance

APPRECIATION LETTER Awarded By REGIONAL DIRECTOR (RD) Engr. Muhammad Usman Ali --- 26-May-2024

Federal Urdu University of Arts, Sciences & Technology, Islamabad

Mar 2026 – Present

- Lecturer computer Science

Subject taught :

Programming fundamental --- Advance Software Engineering --- Analytics of Algorithms ---
Advance Programming --- Information Security --- Discrete Structure --- Web Engineering ---
Parallel and distributed Computing --- Compiler Construction.

Professional Experience



Organization: Navttac



Designation : Assessor

Assessed Courses :

Graphic Design and Video Editing (F.G College of Home Economics & Management Sciences F-11/1 Islamabad)

Graphic Design and Video Editing (Lucent Tech 02 batches)

Graphic Design (Print Media) (Women Welfare & Development Centre, Islamabad)

Full Stack Development Batch (Islamabad Model College for Boys H-8/2)



Organization: Vision Core IT Solutions

Designation: Cloud Computing Engineer

Jan 2023 – Jan 2024

- Worked on cloud-based solutions and system deployments



Organization: Bismillah Electronic & A/C Service

Designation: Sub-Engineer

Feb 2017 – Present

- Maintenance and installation of HVACR systems

PUBLICATIONS

1. "IoT and Edge Computing for Real-Time Monitoring and Predictive Analysis in Ostrich Hatcheries"

JOURNAL "Spectrum of Engineering Sciences"

<https://thesesjournal.com/index.php/1/article/view/1679>

2. "Optimizing Chick Production: Predictive Modeling under Controlled Environmental Conditions using ML and IoT"

JOURNAL "Annual Methodological Archive Research Review"

<https://amresearchjournal.com/index.php/Journal/article/view/1414/1436>

3. "AMYLOPRED-DL: A HYBRID CNN-BILSTM-ATTENTION DEEP LEARNING FRAMEWORK INTEGRATING ESM-2 PROTEIN LANGUAGE MODEL EMBEDDINGS FOR IMPROVED PREDICTION OF AMYLOID PROTEINS "

JOURNAL "Spectrum of Engineering Sciences

<https://www.thesesjournal.com/index.php/1/article/view/3283/2455>

PROFESSIONAL TRAINING

Competency Based training Assessment

Govt College of Technology Rawalpindi,

Description: CBTA Assessor

2023

United Nation ENVIRONMENT TRAINING,

MINISTRY OF CLIMATE CHANGE

NATIONAL OZONE UNIT

SEP 2020

LANGUAGES

Udu --- English --- Punjabi --- Hindi