



PROFILE

I am a highly motivated and dedicated individual with a strong educational background in Electronics Engineering, computer science, mathematics, and UAVs. My creative and analytical mindset allows me to approach challenges with innovative solutions. I excel as an effective communicator, delivering clear and concise presentations and reports. With expertise in problem-solving, teamwork, and time management, I am seeking opportunities to apply and further develop my skills in a challenging and dynamic environment.

CONTACT

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District Rawalpindi

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SOFTWARES

MS Office	Route planning
Adobe Audition	Proteus
Xilinx/Vivado	LOS Analysis

LANGUAGES

Mother tongue: **Urdu**

Other language(s): **English, French**

HOBBIES

**E-Gaming, Table Tennis,
Badminton, Travelling, Book Reading**

MUDASSAR BASHIR

 **June 26, 1989**
CNIC:37406-9334036-1
PEC#ELECTRO/1780

EDUCATION

Bachelor of Science in Electronics Engineering

University of Engineering and Technology, Taxila

2008 - 2012

- CGPA = 3.72/4 [92%]

Intermediate

F.G Degree College for Men Wah Cantt

2006 - 2008

- Majored in [CHEMISTRY, MATHEMATICS, PHYSICS]
- Marks: 841/1100 [76%]

MATRICULATION

F.G Public High School HIT Taxila Cantt

2004-2005

- Majored in [BIOLOGY, MATHEMATICS, PHYSICS, CHEMISTRY]
- Marks: 863/1050 [82%]

EXERIENCE

Ministry of Defense (Research Officer-Unmanned Systems (11Dec 2012-05Jul 2024)

- Responsible for smooth functioning of the Communication/Avionics system
- Responsible for the operation of COMINT/DATALINK & Mission system **WL-1**
- Responsible for Route planning and LOS analysis for conduct of Mission
- Responsible for Basic System Level testing (SLT) of MALE UAVs.
- Human Resource Management for technical and administrative duties in different capacities such as Admin officer/Adj, Quarter Master (QM), MTO & Mess Secy.
- Proficient in Document preparation & Record keeping. Very good at articulating and drafting letters & Email Handling
- In charge/Responsible for overseeing technical manpower training

RESEARCH WORK/PROJECTS

- **Unmanned Aerial Vehicle Emergency Landing Site Identification System Using Machine Vision** [Journal of Image & Graphics(Vol 4,No1,Jun16)]
- **Image Pattern Classification for Plant Disease Identification using Local Tri-directional Features.** [IEEE IEMCON (17-19 Oct 2019)]
- **IoT and Wireless Sensor Network based Autonomous Farming Robots** [IEEE (ICETST)2020]
- **UAS as Tactical EW Platforms: A Survey of Electronic Attack, Intelligence Integration, and Multi domain Operations**
- **GSM 900 Mobile Jammer** [Final Year Project]