

Laiba Noor

Nationality: Pakistani

Gender: Female

Contact

45900, Rawat, Islamabad,

Pakistan (**Home**)

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ABOUT ME

I am a BS Physics graduate with experience in teaching, team leadership, and research projects. I have strong communication, coordination, and documentation skills, with the ability to manage tasks and work with different people. I am organized, detail-oriented, and eager to contribute to institutional coordination and administrative work.

WORK EXPERIENCE

Med Exam Expert

Website: <https://www.medexamexpert.com/>

Team Lead

30/04/2025 - 01/02/2026

- Led and coordinated the sales team, assigned tasks, monitored performance, and supported the achievement of sales targets.
- Guided team members, managed customer inquiries, and contributed to business growth through effective communication and teamwork.

Alfoze Technologies - Pakistan, Islamabad

Website: <https://alfoze.com/>

Quality Analyst Intern

23/06/2021 - 27/08/2021

- Tested software applications and verified functionality.
- Identified and reported bugs and documented test results.
- Worked with the development team to improve software quality.

Soan Valley Public School- Pakistan, Basali, Islamabad

Website: <https://qef.global/project/soan-valley-public-school/>

Physics Teacher (SSC)

08/08/2024 - 03/02/2025

- Taught Physics to SSC-level students.
- Prepared lesson plans, assignments, and assessments.
- Conducted practical demonstrations and laboratory activities.
- Monitored student progress and provided academic support.

Liaqat Ali Khan school - Pakistan, Rawat, Islamabad

Science Teacher (SSC)

30/07/2019 - 01/08/2020

Subjects taught: Physics, Mathematics

EDUCATION & TRAINING

08/09/2020 - 18/07/2024 Islamabad, Pakistan

Bachelor of Science (BS) in Physics Institute of Space Technology

Relevant Coursework:

- Core Physics: Classical Mechanics, Quantum Mechanics I & II, Electromagnetic Theory I & II, Statistical Physics, Solid State Physics, Atomic & Molecular Physics
- Mathematics & Computation: Mathematical Methods for Physics I & II, Numerical Analysis, Computational Physics (+ Lab), Linear Algebra, Calculus
- Applied/Lab: Electronics I & II (+ Labs), Optics (+ Lab), Advanced

Address: 1, Islamabad Highway, Near Toll Plaza, P.O. Box No. 1271,44000, Islamabad (Pakistan) | **Website:** <https://www.ist.edu.pk/> | **Field(s) of study:** Natural sciences, mathematics and statistics | **Final grade:** CGPA: 3.08/4.00 | **Level in EQF:** EQF level 6 | **Type of credits:** Credit Hours | **Number of credits:** 137 | **Thesis:** Entanglement Enhanced Discrete-Time Quantum Walks and Quantum Key Distribution

04/09/2017 - 04/09/2019 Rawalpindi, Pakistan

● **Higher Secondary School Certificate (HSSC) – Pre-Engineering** Steps College

Address: STEPS College for Girls, F, 777 6th Rd, Block F New Katarian Satellite Town46000, Rawalpindi (Pakistan) | **Website:** <https://www.stepscollege.com/> | **Field(s) of study:** Physics , Mathematics , Chemistry | **Final grade:** A, 879/1100, 79.9%

24/07/2017 Rawalpindi, Pakistan

● **Secondary School Certificate (SSC) – Science Group** Divisional public school and college.

Address: Murree Road, Shamsabad46000, Rawalpindi (Pakistan) | **Website:** <https://www.dpsrwp.edu.pk/> | **Field(s) of study:** Biology , Chemistry , Physics , Mathematics | **Final grade:** A+, 958/1100, 87.09%

PROJECTS

12/01/2024 - 28/06/2024

● **Research Internship in Quantum Key Distribution (QKD)**

National Institute of Lasers and Optonics College (NILOP-C), Pakistan Institute of Engineering and Applied Sciences (PIEAS)

- Participated in laboratory experiments on the BB84 Quantum Key Distribution (QKD) protocol using a faint infrared laser.
- Worked with optical components, Arduino, and software for key generation, encryption, and decryption.
- Gained practical experience in quantum communication concepts and laboratory techniques.

<https://www.nilop.edu.pk/>

18/02/2023 - 22/07/2023

● **Academic Project - GNSS Data Acquisition System Development**

Small Satellite Technology and Research Lab (SSTR/L), Institute of Space Technology (IST), Islamabad

- Developed a GNSS data acquisition system using Arduino and GNSS modules.
- Collected and processed satellite navigation data through a microcontroller-based system.
- Gained a practical understanding of GNSS technology and satellite positioning.

<https://ncgsa.org.pk/small-satellite-technology-and-research-lab-sstr/>

● **Computational Physics and Numerical Modelling Projects**

- **Computational Physics:** Implemented scientific equations and computational methods using C++ to solve physics-based problems and perform numerical simulations (e.g., Earth–Mercury orbital calculations).
- Visualized and analyzed simulation results using MATLAB, including applications.
- **Numerical Analysis:** Applied numerical methods to solve mathematical problems, including matrix operations and computational algorithms using C++ (e.g., Euler method).
- Implemented numerical techniques for solving equations and mathematical models, including differential equation-based problems.

SKILLS

Physics Lab Techniques | Quantum Key Distribution (BB84 Protocol) | GNSS Data Acquisition | Computational Physics (C++) | Numerical Methods | Arduino & Basic Circuits | Higher Secondary Physics Teaching | MS Word, Excel, PowerPoint | Software QA Testing | Scientific Communications | Event Management

HONOURS AND AWARDS

Government of Punjab, Pakistan

- **Merit-Based Laptop Award**

30/08/2017 Steps College.

- **Merit based scholarship in Higher secondary school.**

12/09/2016 Divisional public school and college.

- **President of sports society**

18/09/2016 Divisional public school and college.

- **Inter School Net Ball champion**

CONFERENCES & SEMINARS

02/11/2025 - 02/11/2025 Institute of Space Technology (IST), Islamabad

- **The International Conference on Engineering Advancements, Science and Technology (ICEAST)**

23/10/2023 - 27/10/2023 National Institute of Lasers and Optronics (NILOP), Islamabad, Pakistan

- **Workshop on Quantum Science & Technology (QST-2023) — Practical Quantum Informatics**

NETWORKS AND MEMBERSHIPS

ASME IST Student Chapter (American Society of Mechanical Engineers)

- **Technical Competition Coordinator**

- Set rules and guidelines for an online mechanical-engineering-themed technical competition.
- Contributed to the evaluation criteria used to judge participant submissions.

LANGUAGE SKILLS

MOTHER TONGUE(S): Urdu

OTHER LANGUAGE(S): English: C1 (IELTS Academic 7.0)