

Shahroz Ahmed

Mechatronics & Control Engineer

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📍 SadiqAbad Dist. RahimYarkhan



Profile

Self-motivated and an enthusiastic fresher with highly motivated and leadership skills, passionate to enhance the operational and financial performance of organization utilizing Engineering Tools, to carve a career with constant growth and work for the betterment and well-being of people.

Education

- **B.E. Mechatronics & Control Eng., UET Lahore** (May 2022)
HEC Scholarship Holder, CGPA **3.37**.
- **Intermediate MTB Schools & College, SadiqAbad** (June 2018)
Full Fee Scholarship Holder, Marks 86 %.

Work Experience

Intern, Fatima Fertilizer Company, Mukhtar Garh (August 2021)

- 6 weeks internship in Electrical & Instrumentation Department with Instrumentation team at Ammonia and Urea Plant.
- Studied different kind of transmitters, their working, maintenance and calibration.
- Learned about Machine Monitoring Systems and Vibrations.
- Understanding of HART communication protocol.
- Detailed study and project on N/C metering system.

Wearable Health Monitor Device (October 2021-present)

- Worked on Final Year Project of a Wearable Health Platform
- Designed the Schematic and the PCB and developed an app for the data streaming and storage.

Director Design, ASHRAE UET Lahore (October 2019-present)

- Worked as Director of Design Team in American Society of Heating, Refrigerating and Air-Conditioning Engineers.

Software Skills

Microsoft Office | SolidWorks | ANSYS | MATLAB | Python Programming

Other Skills

Multi-tasking | Cross-disciplinary Communication | Conflict Management | Problem Solving

Volunteer Work

- Kar-e-Kamal | General Member (December 2019-present)
- Pakistan Students Welfare Organization (PSWO) | General Member (June 2018-May 2019)