

FARHAD ALI

Electronic Engineering

I want to work with a modern and forward thought-out firm for electronics engineer where I can apply my abilities.



Work History

2021-08-
Current

Research Associate

Physics Department, COMSATS University, Islamabad

- Teaching Assistantship
- Lab Supervision
- Labs upgradation measures
- Lab Inventory and official records
- Apparatus troubleshooting and Repair

2016-11-
2021-08

Research Associate

R&D Lab, COMSATS University, Islamabad

- Product Development.
- Prototyping.
- Electronic Designing.
- PCB & Hardware Designing
- Troubleshooting & Repair.

2021-01 -
2021-04

Electronics Technician

CERN, Geneva, Canton of Geneva

- ALICE ITS Detector Commissioning
- ALICE Inner Tracking System Project at CERN.
- Electronics Installation and Testing for Inner Tracking System Detector at Cavern.
- Final Cabling of detector at Cavern.
- Testing of Electronics and cables for final assembly.

2019-02 -
2019-11

Electronics Technician

CERN, Geneva, Canton of Geneva

- Working at CERN (European Organization for



Contact

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Skills

- Lab operations
- Experiment Design
- Prototyping
- PCB Designing
- Electronics Troubleshooting



Achievements

- Part of Worlds

Nuclear Research) as an Electronics Technician in ALICE ITS Upgrade project.

- Integration and connection of miniature components on the detector staves.
- Rework of hybrid flex circuits
- Construction and testing of cable assemblies and cable harnesses.
- Handling, assembly and installation of electrical equipment and electronic boards.
- Testing of electronic equipment.

2012-11 -
2013-02

Job Trainee

Pakistan Locomotive Factory, Risalpur, Nowshera, Khyber Pakhtunkhwa

- Diesel Electric Engines Study
- Electrical Wiring
- Traction Motors
- AC Motors
- Auxiliary Generators
- Alternators
- Starting Motors
- CNC Milling Machines
- Bogie Milling Machines
- 132KV Grid Station
- Air Conditioning Plant
- Electronics
- Programmable Logic Controls

largest Pixel
Detector

- Letter of Appreciation from ALICE Spokesperson, CERN
- Appraisal letter from ALICE ITS Head, CERN
- Letter of Thanks from ALICE ITS Technical Coordinator, CERN



Education

2007-08 -
2011-06

Bachelor of Science: Electrical, Electronics Engineering Technologies

IQRA University - Peshawar Campus

GPA: 2.56

2005-01 -
2007-01

Intermediate

Jinnah Memorial, BISE Mardan, Public

GPA: 63 %, GPA: 67

2004-05 -

BISE Mardan

