R A H E E L   A H M E D

H # DK-734/D-I, Dhoke Kashmirian,
Satellite Town, Rawalpindi
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OBJECTIVE:

To work with a dynamic and innovative organization where I can utilize my skills and research work, which is intellectually exciting and challenging.

QUALIFICATIONS:

- **Master of Engineering.** (June 2013)
  COMSATS Institute of Information Technology, Islamabad
  Specialization: Control and Automation Engineering.

- **Bachelor of Engineering.** (June 2008)
  Federal Urdu University of Art, Science and Technology, Islamabad
  Specialization: Electronics Engineering.

- **Diploma of Associate Engineering.** (Dec 2003)
  Telecom Foundation Institute of Technology, Islamabad.
  Specialization: Telecommunication Technology.

CERTIFICATION COURSES:

- Advance PLC and SCADA Certificate.
  National Institute of Electronics Islamabad.

- CCNA (ICND).
  CIIT, CISCO Network Academy Islamabad.

- Diploma in Computer Software.
  National Institute of Science and Technical Education Islamabad.

- Spoken and Written English.
  Pakistan Institute of Modern Languages Rawalpindi.

PROFESSIONAL EXPERIENCE:

Lecturer

2014 to 2021 COMSATS University Islamabad.

Responsibilities

- Teaching courses in electrical engineering (Electric circuit analysis1, Electronics1&2, Digital design, Control engineering, Microprocessor interfacing, Power Electronics
- Member Board of Studies Department of Electrical Engineering.
- Member of the lab development committee.
- Member of the technical evaluation committee.
- Supervised the semester and FYP Projects.

Lab Engineer

      2010 to 2014   COMSATS University Islamabad.

Responsibilities

- o Conducting labs for subjects of Control Engineering, Electrical Machines, and Electronics.
- o Member of the lab development committee.
- o Member Control and Power research group.
- o Supervised semester and FYP Projects.

Lab Supervisor

      2004 to 2010   COMSATS University Islamabad.

Responsibilities

- o Management of Control Automation, Communication, Electronics Labs.
- o Programming and Maintenance of Programmable Logic Control (PLC) Kits.
- o Network and Hardware Maintenance for the Computer lab.
- o Maintenance of Test/Measuring Equipment.

FINAL THESIS AND PROJECT:

- o Design and Analysis Multipurpose Automated Solar Assembly System (**MS Thesis**).
- o PS/2 Device Implementation for Remote Applications (**BS FYP**).

HAND ON EXPERIENCE PROJECTS:

Smart charge controller,   Cement plant simulator.   Track sensor robot using PLC. Water level control system.   Automated packing machine.   High intensity emergency light.   Infrared Beam Barrier.   Regulated Power Supply.   Serial I/O Control with C. Software base digital clock.

IT PRACTICAL APPROACH:

- o **PLC Programmer**
  - o CX Programmer, Trilogi , Step-7microwin , GW Win,
- o **Engineering Simulator and Programmers**
  - o AVR programming, Proteus, Verilog Design, LT Spice
- o **MS Office** 2016, MS Visio

References:

Will be provided on demand