

AKRAAM HUSSAIN

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Objective

To acquire a professional position in a creative and challenging environment, where I can enhance my knowledge and skills by working with experienced electronics engineer to prove my abilities and achieve my goal to become a professional expert.

Education

2013-2017	B.Sc Electronics Engineering University of Engineering & Technology –Taxila, Pakistan	CGPA: 3.0/4.0
2011-2013	F.Sc Pre-Engineering Government College Burewala, Vehari, Pakistan	Grade A+ (83%)
2009-2011	Matriculation Government (M.C) Model High School, Burewala, Vehari, Pakistan	Grade A+ (93%)

Major Subjects

Industrial Electronics, Power Electronics, Electrical Machines, Control System, Instrumentation and Measurements, Advance Communication System, Electronics Circuit Design, Microcontroller and Microprocessor, VLSI Design, Engineering Management, Digital Image Processing and FPGA Based System.

Final Year Project

- Hand Gesture Based Movement Control Smart Wheel Chair

Hand gesture based smart wheel chair was successfully controlled in four directions left, right, forward and in reverse direction. It also protect patient to strike any obstacle by application of ultrasonic sensor in front and back end of wheel chair. It also monitors the condition of patient using temperature and heart beat sensors and warns guardians by sending message through GSM module. It is a complete, reliable and more efficient product.

Experience

- **L.C Automation Lahore** (May.2018 - Cont.)

Working as Application Engineer in Production and Installation Department.

- Instrument Installation, Calibration and Maintenance.
- Weintek HMI Designing and Programming
- Industrial Controller Repairing
- Handling Quotations
- Managing Lab Equipment

Computer Skills

- Easy Builder Pro Weintek
- GX Developer Mitsubishi PLC
- Microsoft Visio Professional
- Microsoft Office 2016
- Power Point Presentation
- Proteus V8.1 (Printed Circuit Board Designing)
- Xilinx Suit Design
- Arduino Integrated Development Environment (IDE)

Semester Projects:

- Design and Implementation of Smart Traffic Light Control System
- Design and Implementation of PLC Based Elevator Control System
- Design and Implementation of Automatic Home Appliance Control System
- Design and Implementation of Buck Boost Converter
- Temperature Controlled Soldering Iron
- Designed Regulated Power Supply.

Professional Activities

- Participated in **PCB** design workshop at UET Taxila Sub Campus Chakwal.
- Participated in **TECTICS** at Iqra University in different games.
- **Executive Member** of Electro-minds at UET Taxila, & Proficient in speaking and understanding English Language.
- Attended hands-on workshop getting started with **Arduino Microcontroller** held at UET Taxila.
- **Industrial tours** to ‘Coca Cola Plant Gujranwala, Sina Institution Islamabad, KBK Electronics Lahore, PEL Lahore and have good industrial exposure.

Honors & Achievements

- **Awarded with** ‘Best model design of density based traffic light controller in 5th semester 2016.
- **Awarded with** ‘Full Fee Concession’ for consecutive three years during Bachelor Studies.
- **Awarded with** ‘PM Laptop’ from PM Laptop Scheme.
- **Successfully organized** ‘fare well and well come party’ to seniors and juniors.
- Provided **home tuition** to the classes of Matric & Intermediate for three years during graduation.
- **Awarded with** Punjab Education Endowment Fund (PEEF) Scholarship for two years in Pre-Engineering Studies.

Sports & Hobbies

- Cooking
- Playing Volleyball and Cricket.
- Solving Engineering Problems