

MUHAMMAD KAFEEL INAM

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OBJECTIVE

To work as an Engineer at a prestigious organization that provides a challenging environment, while learning about different installed equipments and familiarizing myself with standard operating procedures and developing organizational and communication skills.

WORK EXPERIENCE

RESIDENT ENGINEER | INBOX BUSINESS TECHNOLOGIES

DEC 2016 - PRESENT

- Currently attached with Punjab Metro Bus Authority
- Working on Automatic Fare Collection and Bus Scheduling System
- Maintenance and Troubleshooting of Electrical and Mechanical equipment
- Operation and Maintenance of Network Structure

EDUCATION

BS ELECTRICAL ENGINEERING

2012 – 2016

Institute: Air University, Islamabad
CGPA: **3.35 / 4.00**
Related Coursework: Power System Analysis, Power Transmission, Analog Electronics, Microprocessor and Microcontroller, Power Distribution and Utilization, Computer Networks, Electric Machines, Object Oriented Programming, Industrial Automation, Control Systems

HSSC (Pre-Engineering)

2011 – 2012

Board: Federal
College: Islamabad College for Boys, G-6/3, Islamabad

SSC (Science)

2009 – 2010

Board: Federal
School: Islamabad College for Boys, G-6/3, Islamabad

COMPUTER SKILLS

Design Software: PSpice, Proteus, Packet Tracer, Solid Works, PSim, Power World Simulator
Programming Software: MATLAB, Microsoft Visual Studio, Win Pro Ladder, Eclipse, Keil, Xilinx, MySQL WorkBench
Publishing Software: Microsoft Office Word, Excel, Power Point & Publisher

PROJECTS

- Automated Security Clearance (Tripod Turnstile & Boom Barrier Gate implemented using PLC and SCADA)
- Design and manufacturing of RFID based Vending Machine using PLC and Database
- Design and manufacturing of X & Y – axis stabilization using Arduino
- Design and manufacturing of MPPT Charge Controller using FOCV algorithm
- Design and manufacturing of Temperature, Load, Proximity and Photocell sensors
- Design and manufacturing of a Cycloconverter
- Design circuit of a Three Phase Voltage and Frequency data acquisition
- Design simulation of MPPT controller for solar power generation
- Design and manufacturing of wireless controlled robotic car

AWARDS & HONORS

- Awarded a scholarship for outstanding result in 3rd, 6th and 7th semester

ACTIVITIES & INTERESTS

- Participated in several debates in National Library
- Went for an educational trip to Pepsi Co.
- Went for an educational trip to 132KV Grid
- Attended a workshop on Soft Skills
- Runner up in Air Snooker Tournament 2015
- Active player of Basketball, Table Tennis, Pool & Snooker
- Keen on reading Technology & Computer Reviews