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**My Objectives:**

I desire to apply for Biomedical Engineer Position wherein my knowledge of this industry will be employed. I look to grow in a vibrant environment wherein I can further my career at the same time, benefiting the company that will provide compensation proportionate to my abilities

###  Job Experiences:

1. Instrumentation Eng.@ Al Khaleej Sugar, Dubai - U.A.E. (Feb. 18, 2014 – Present)

Sponsor Jamal Al Ghurair Establishment

Highlights:

* Work as GET (Graduated Engineer Training) in preventative maintenance field of the instruments like (Pressure, Flow, Temperature, Level & PH) Transmitters & Sensors and Pneumatic Actuators, Positioner & SOV by performs the following yearly services:
	+ Checked for loose connection & tightened.
	+ Applied grease on the cover of positioner or on the transmitter cover before closing.
	+ Dress the cable properly.
	+ Clean the equipments and covered it with new plastic sheet.
* Attending training course during (3) months for GET in all Refinery department as follows:
* First month (Process Dept.)
* Knowing about process flow from Raw Sugar Unloading till Refined Sugar Packaging.
* Learning about process instruments.
* Learning the engineering principles used in the instrumentation.
* Second month (Mechanical / Maintenance Dept.)
* Knowing the maintenance work instruction.
* Learning about routine / preventive / breakdown maintenances.
* Getting the department activities
* Third month (Electrical Dept.)
* Knowing about dept. shift operations.
* Learning about the dept. maintenances
* Learning about elect. connection in the motors.
1. Secretary @ (KJAG Real Estate & Al Khaleej Sugar) Dubai - U.A.E. (Nov. 01, 2003 – Feb. 17, 2014)

Sponsor Jamal Al Ghurair Establishment

Highlights:

* Writing Letters, Lists, MOMs & Administrative Orders.
* Maintain the General Filing System and File all Correspondence Hard Copy and Electronic Filing System.
* Co-ordinate with Persons & Companies.
* Meet & Greet Clients and Visitors.
* Answering Calls and
* Maintain Stationery Items.

**Training** **Experiences:**

1. Eng. Assistant *@* Rajab for Medical Equipment, Aleppo - Syria (Jul. 2002 - Nov. 2002)

Highlights:

Five months of training experience period as Eng. Assistant learn the follows:

* Learned about the principle technical of Ultrasound.
* Learned how to make inspection of the incoming equipment (new and repaired).
* Coordinate with outside engineering.
1. Eng. Trainee @ H. H. Sheikh Khalifa Hospital, Ajman - U.A.E. (Jun. 2001 - Sep. 2001)

Highlights:

Four months of training experience period as Eng. Trainee learn the follows:

* Visited hospital departments (ward, operating theatre, ICU and Lab)
* Learned about the principles and technical operation that used in medical equipment.
* Learned about the maintenance, services and Safety factors used in the hospital.
* Learned about typical tasks of Biomedical Engineer.

**Graduation Projects:**

1. (Project 1) "Heart-Beat Monitor"
	* 1. General:
* The term Cardiac Cycle refers to the events of one complete heart beat during which both atria and ventricles contract
* & then relax.
* The average heart beats approximately 75 times per minute.
* The Length of the cardiac cycle is normally about 0.8 Sec.
* Cardiac Output (CO) = HR (75 beats/min) × SV (70 ml/beat)

= 5250 ml/min

* + 1. Circuit:
* Converter (Mic.) (Picks up the Heart Sound signal & Convert it into voltage signal).
* Differential Amp. (Amplify the difference between 2 signals).
* Non-inverting Amp. (To control the gain, stabilize the amp. & reduce the sensitivity).
* High-pass Filter (Pass the high frequency).
* Buffer (Match the impedance of amp. to the impedance of the output device).
1. (Project 2-3) "Fluid Flow Meter"
	1. General:
* Digital instrument, which determines electrically the flow rate of the fluid, is designed, analyzed & implemented.
* The meter based on the number of revolution per minuets by cutting infrared beam with a rate proportional to the speed of the fan.
* The obtained results (reading) can be calibrated through a specific design equation:

$\frac{flow rate}{min} $= $\frac{volume}{cut}×\frac{No.of cuts}{time period} × \frac{No.of time periods}{min}$

* 1. Circuit:
* Infrared Tx & Rx (Emits infrared light in response to a sufficient forward current).
* Fan (The fan, which use, has got a bar tied up with the spindle that crosses the IR beam 6 time in a revolution).
* Clock (Produce square pulses).
* Counter  (Receive Pulses from clock & counted).
* D Filp-Flop / latch (For temporary store of data).
* Decoder (Converts information from one coded form to another & to address memories).
* Display (To make visible the reading of a digital Instrument).

**Technical Skills:**

* Knowledge on Biomedical Engineering
* Basic on Instrumentation Measuring Devices
* Basic on Process Flow

**Computer Skills:**

Windows, Microsoft Office Tools, Internet, EWB5, SMGlobal FastMaint, AutoCAD (Basic), Adobe Photoshop CS (Basic), ACD System, Nitro Reader,... etc

**Educational Qualifications:**

B.Sc. in Biomedical Engineering Ajman University of Science & Technology (2002) – UAE

**Training Qualifications:**

1. Basic Fire Safety Level 1 / Eurolink Safety (2014) – U.A.E.
2. FSSC22000:2005 Awareness Training / TUV Nord (2014) - U.A.E.
3. HACCP Awareness Training / TUV Nord (2014) - U.A.E.
4. Basic Food Hygiene Training / TUV Nord (2013) - U.A.E.
5. Risk Assessment Training / TUV Nord (2013) - U.A.E.
6. AUST Biomedical Engineering Forum / Ajman University (2012) - UAE
7. GCC Conference for Biomedical Engineering / Arab Health Congress (2012) - UAE
8. Basic First Aid Course / Middle East Safety & Security Institute Co. L.L.C. (2009) - UAE
9. Effective Oral & Written Communication Skills / Dubai Institute of Business Management (2007) - UAE

**Languages Known:**

1. Arabic Native (Mother Language)
2. English Good (Speak, Read & Write)

 **Nationality:**

Syrian

**PLace & Date of Birth:**

Aleppo (Jan. 01, 1979)

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| 2015 | 1979 | 36 | Years |

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