



Personal Data:

Name: Karim Sherif Baher Botros.

Date of birth: 3/11/1991

Nationality: Egyptian

Marital State: Single.

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Contact and Social Media:

Facebook profile: https://www.facebook.com/kiVoo?ref=tn_tnmn

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Qualifications:

(graduated 2010): high school diploma with a GPA of 3.96/4.00 (American diploma-SAT).

(2010-2016): Graduated from engineering at the German University in Cairo major mechatronics.

And Got A+ in The Bachelor Project “ Wireless manipulation of Biological Cells “

B.S.c of mechatronics engineering holder.

Trainings:

1) Had field Training at EgyptAir learned about: * pneumatics and cooling systems.

* Plane braking system, wheels and Tires.

* Turbine Engines.

* Safety standards and tools.

* Navigation and control systems.

* Aircraft maintenance.

2) Field training at G.P.C General Petroleum Company learned about:

- * Thermodynamics.
- * Instrumental department.
- * Driller's engine and engine rebuild.
- * Engine maintenance and repair.
- * Large Machines and Engines.

3) on hand Training at Fablab Egypt learned about:

- *learning about digital fabrication in general
- *operation of digital fabrication machines
- *maintenance of the machines
- *building different projects using the machines
- *list of machines: 1) laser cutter
2) 3D printer
3) Modella
4) vinyl cutter
5) Power tools

4) Training and Working at the university's Lab "MNR LAB":

- *learning about the Lab projects
- *working on the bachelor project
- *mentoring bachelor students
- *working on many projects in the lab

Career Objective:

- * Seeking for a position as a mechatronics engineer in a reputable company.
- * Seeking for Creativity and giving the best output in my daily work.

Language Skills:

- Arabic (Mother Tongue).
- English (Excellent).
- German (Basic).
- French (Basic).

Computer Skills:

- Professional Computer User.
- Excellent Searcher and Internet User.
- Excellent user of Microsoft Office.
- AutoCAD 2D and 3D drawings. (Excellent).
- Solid Works drawings. (Excellent).
- MatLab. (Very Good).
- Photoshop Designs. (Basic).
- MikroC and Arduino (Excellent).
- 20Sim
- Inventor

Software programing languages:

- Assembly (Excellent)
- HTML 5 (Basic).
- VHDL (very Good).
- C for Micro Controllers (Excellent).
- JAVA (Excellent).
- C++ (Basic).
- Python (very good)
- Bond-graph (excellent)
- Labview (very Good)

Projects and Challenges:

- Object Tracking Robot with PID Control. (Robot car that keeps user desired distance between it and the object in front of it).
- Dancing Flower (a flower connected with motor and a MIC that detects a sound signal resulting in moving the motor, and thus making the flower to dance).
- Stop watch (Building a stop watch with alarm, from counters, and Decoders (ICs) and 7 segments led).
- Participated in Valeo innovation Challenge.
- Built an Elevator using FPGA integrated circuit.
- Built an autonomous car that detects a red dot on white paper by camera and follows it “firefighter Robot”.
- Built a DeltaRobot in my bachelor project that controls micro and nano paramagnetic particles for drug targeting and cancer treatment.

Personal Qualifications:

- Ability to work individually and as team work.
- Very organized and able to lead a group.
- Hardworking, ambitious, active, social and patient.
- Very good communication and interpersonal skills.
- Working under pressure and self-motivated.
- Excellent Analytical Skills.
- Creativity and innovation are my life Style.

Hobbies:

- Swimming. (ranked 2nd place in KSA swimming Tournament)
- Soccer.
- Diving (Star 1 CMAS card).
- Driving Cars.

References are furnished upon request

Looking forward to Work at your Company/Organization.