

# George .I. Tamer

Bsc , Msc Mechanical Engineering

## Profile Summary

Mechanical Engineer works with teams of engineers to invent, design, build projects. My role includes facilitating bid documents to assist the project engineer on managing construction projects, and acquiring project management skills through facilitating various construction contracts from the design to the close-out phases. In addition to material management installation as per project shop drawings and installation plan, motivated hard worker and team player.

## Key Skills

- Take assignments from the senior engineer, and project management staff and carry out design, development, assembly field testing, modeling/simulation, and documentation.
- Working with the extended team to ensure that the data acquisition software and electrical elements of the system are compatible with mechanical solutions.
- Managing the delivery of mechanical design tasks for a project in collaboration with the relevant project managers.
- Checking designs and engineering drawings are accurate and complete.
- Working knowledge of mechanical design techniques.
- Assist in the preparation of specifications and technical bid package.
- Good Interpersonal & Communication skills.

## Education and Certifications

Lebanese International University, Lebanon

- |  |            |
|--|------------|
| • Bachelor of Science in Mechanical Engineering                    | May 2018   |
| • Master of Science in Mechanical Engineering                      | May 2020   |
| • Certificate of Award – English Access Micro scholarship Program  | April 2013 |
| • Certificate of Achievement – Leadership Program                  | March 2012 |
| • Certificate of Achievement – Project Citizen Training & Showcase |            |
| • Certificate of Achievement – BIM Fundamentals for Engineers      | Nov 2020   |
| • Certificate of Achievement – Budgeting and Scheduling Projects   | Nov 2020   |
| • Certificate of Achievement – Managing Project Risks and Changes  | Nov 2020   |
| • Certificate of Achievement – The Art of Negotiation              | Nov 2020   |

## Work Experience

### Company : Electro Tamer 2015 till date

Part Time Assistant Electrician and electro mechanical engineer

### family business still working as a part time electro mechanical advisor

- Set up electrical system for apartment complex and private houses, villas, commercial shops.
- purchasing of equipment and electrical system.
- CCTV and alarm system installation.
- Automatic Sliding gates.
- Shop drawings.
- Solar Heating system installation and load calculation.



## Contact Details:

Lebanon , North District

E-mail:

Georgetamerr@gmail.com

Mobile:

+961 71 64 37 27

## Highlights

- Msc Mechanical Engineering 2020
- Bsc Mechanical Engineering 2018

## Computer Skills :

- Microsoft Office,
- Abaqus,
- SolidWorks,
- AutoCAD,
- HAP,
- ANSYS,
- MATLAB,
- Revit.

## Business: skills

- Communication, and time management,

## Languages :

- English,
- French
- Arabic (fluent),
- Spanish (beginner).

### ***Opal Night Club Free lancer***

***June 2017-Sep 2017***

- Shop drawing and club blueprints.
- HVAC systems.
- Performed regular maintenance of the HVAC systems.

### ***Company : Emangia Catering***

#### ***Maintenance Engineer***

***June 2017-Aug 2020***

- Airflow adjustments for boilers and industrial ovens.
- Performed a regular maintenance for generators and Power Supply.
- Preventive maintenance for all electro mechanical equipment with suppliers and service providers.
- Preventive maintenance for HVAC system.

### **Academic Projects**

#### ***Electric Circuit II***

- Designed a battery powered miniature car with the capability of turning, moving forward and in reverse.

#### ***Wave Energy Converter***

- Design of WEC that generates electricity and conducted a full study of the system on Mediterranean Sea.
- Created 3 programs using Matlab to conduct same study in different locations and to know the cost of the system.

#### ***Finite Element Design For A Composite Helmet***

- Designed the outer shell of a motorcycle helmet made of carbon fiber.
- Tried different laminate composition in order to find the safest one for the crash.
- Ran different crash scenarios from different angle using Abaqus for failure tracking

### **Internship**

#### ***Zmerly Smart Heating***

***Dec 2018***

- General review of the latest heating technologies and its applications.

#### ***Ghazzaoui Garage***

***Dec 2018- Feb 2019***

- Performed regular inspection for different type of cars.
- Identified faulty parts and replaced them.
- Fixed car engines, replaced oil and filters.

#### ***North Ammunition Industries***

***May 2019- Sep 2019***

- Performed regular check-ups on different machinery.
- Fixed faulty pneumatic machines that bended the cartridges and calibrated them for better efficiency.
- Performed regular lubrication for different type of machinery.