

# George Tamer

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**Address:** Zgharta, Lebanon

**E-mail:** Georgetamerr@gmail.com

**Mobile:** +961 71 64 37 27

## EDUCATION

**Lebanese International University, Lebanon**

Bachelor of Science in Mechanical Engineering

Master of Science in Mechanical Engineering

**GPA 3.08**

*May 2018*

*May 2020*

## WORK EXPERIENCE

**Electrician Assistant**

*2015 – Present*

- Set up electrical system for apartment complex and privately-owned houses.
- Dealt with vendors and purchasing of equipment for electrical system.

**Mechanical Engineer**

**Freelance**

*July 2018*

- Drew an apartment blueprint using Autocad.
- Calculated the heat load required and installed the heating system (boiler room& radiators).

**Opal Night Club**

*June 2017-Sep 2017*

- Drew the nightclub blueprint using AutoCad.
- Aided in the design and building of the ventilation and air conditioning system.

**Emangia, Italian Restaurant and Catering**

**Maintenance Engineer**

*June 2018-Aug 2020*

- Adjusted air flow of oven in order to improve combustion.
- Performed a regular maintenance for the generators.
- Repaired fryer and replaced thermopile, Fixed the refrigerators and AC units.
- Calculated heat load and upgraded the air turbine to create superior ventilation system.

**Chef**

*Feb 2017 – Aug 2020*

- Promoted to head chef.
- Prepared food request for customers within 20 min of placement.
- Set up weekly schedules for all kitchen staff.

## **Sous Chef**

*June 2016- Feb 2017*

- Learned to prepare pizzas and created a system to simplify the process in which they are made.
- Prepared all stations in kitchen for use during lunch and dinner shifts by Chef.

## **Academic Projects**

### **Electric Circuit II**

- Designed a battery powered miniature car with the capability of turning, moving forward and in reverse.
- Crafted it by using straw, AA batteries, bottle caps, nails and electrical wires.

### **Wave Energy Converter**

- Designed a 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
- Ran different crash scenarios from different angle using Abaqus in order to see if it fails.

## **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.

### **North Ammunition Industries**

*May 2019- Sep 2019*

- Performed regular check-ups on different machinery.
- Fixed faulty pneumatic machines and calibrated them for better efficiency.

## **Technical Skills**

Computer: Microsoft Office, Abaqus, SolidWorks, AutoCAD, HAP, ANSYS and MATLAB.

Business: Communication, time management, team work, highly motivated, and hardworking.

Languages: English, French and Arabic (fluent), and Spanish (beginner).

## **Certificate of Award/Achievement**

- Certificate of Award – English Access Microscholarship Program, April 2013.
- Certification of Achievement – Leadership Program, March 2012.
- Certificate of Achievement – Project Citizen Training & Showcase.

*References available upon request*