George Tamer

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EDUCATION

Lebanese International University, Lebanon   **GPA 3.04**
Bachelor of Science in Mechanical Engineering   *June 2018*
Master of Science in Mechanical Engineering   *June 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
Free Lance   *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
Chef   *Feb 2017 – Present*
- Promoted to head chef.
- Prepared food request for customers within 20 min of placement.
- Set up weekly schedules for all kitchen staff.

Engineer   *June 2016- Present*
- 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.

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