

KAZEM MOUSSA

DATE OF BIRTH: 22 SEPT, 1999

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OBJECTIVE

Challenging position with a creative work environment to enhance and share expertise.



EDUCATION

Bachelor of Science in Mechanical Engineering | LIU

- Achieved in July, 2020
- Achieved a president honor certificate
- GPA: 3.99

Lebanese Baccalaureate, Life Science | Bissan Secondary School

- Achieved in July, 2017
- Degree: Very Good (83.39%)

IELTS GT

- Overall Band Score: 7.0; Listening: 7.5, Reading: 7.5, Writing: 6.5, Speaking: 6.5



EXPERIENCE

Rewinding Electric Motors and Generators | Electrical Shop, Lebanon

SEPTEMBER 2016 - PRESENT

- Assemble and disassemble 1-phase and 3-phase AC electric motors and alternators (armatures, rotors, exciters, generator excitation transformers)
- Assemble motors inside machines and alternators to prime movers
- Repair and/or replace mechanical parts in motors and generators and install AVRs
- Inspect cores for defects and maintain them
- Rewind coils on cores in slots, or make replacement coils, using coil-winding machines
- Connect coils according to the specified scheme using welding tools
- Redesign motors and alternators to customer's specifications (Voltage change, Speed change, 1-phase to 3-phase and vice versa)
- Wrap the installed coils with suitable laces then add varnish



SKILLS

- SolidWorks
- Matlab
- Microsoft Office
- Adobe Photoshop CS6



ACTIVITIES

Graph to Equation | iOS\Android app

NOVEMBER 2021

<https://equations.me>

Graph to Equation is a lightweight handy tool used to generate equations\functions from graph instantly.

University Senior Project | LIU

SPRING 2020

Designing a system (Heat Exchanger) to recover heat from exhaust gas to heat air through CFD analysis using SolidWorks software

All references are available upon request