Mohammad Ali S. Chokor

Beirut ·Lebanon ·mhmdali.chokor@outlook.com +961-71948840

Profile

» Mechanical engineering student with great communication skills, seeking part-time job opportunities and interships to expand my educational background and work experience.

Education

2019/08–Ongoing B.E. in Mechanical Engineering
Lebanese American University Beirut, Lebanon
» CGPA: 3.13/4.0–Major GPA 3.33/4
» Placed on the Honors list in Spring 2020
» Member of Tomorrow's Leader Gender Scholars Program (TLS)

2016/09–2019/05 High School Diploma in General Sciences
Al-Mahdi High School Saida, Lebanon
» 15.88/20

Other Courses

2021/06–Ongoing Introduction to Aerospace Structures and Materials
Online Course by TU DELFT Netherlands

2021/09–Ongoing Road Traffic Safety in Automotive Engineering
Online Course by ChalmersX Sweden

Experience

2021/07–2021/09 Internship
Staunch Machinery Saida, Lebanon
» Had a significant role in the assembly line of generators, assembled the inner and the outer structure of electric generators.
» Tested models of alternate designs and processing methods to assess feasibility, operating condition effects, possible new applications, and necessity of modification.
» Analyzed the used mechanisms in manufacturing metal parts starting from drawing and sketching , to laser cutting machines, all along with bending, welding, and painting.
» Prepared sheet metal fabrication drawings, modifications, and commercial specification drawings using Inventor and AutoCAD.
» Involved in analyzing system components specifications, metal manufacturing, and manufacturing method selection.
» Studied and Analyzed the suitable operating environment for an electric generator, by analyzing the fuel consumption, temperature, and power output.
» Involved in designing efficient geometries for reservoirs used for water, fuel, and oil.

Leadership Activities

2021/07–Ongoing Member of Rotaract Club
Lebanese American University Byblos, Lebanon

Projects

2021/10–2021/12 PID controller for Water Tank System
Lebanese American University Beirut, Lebanon
» system designed using simulink to control the water level inside a tank

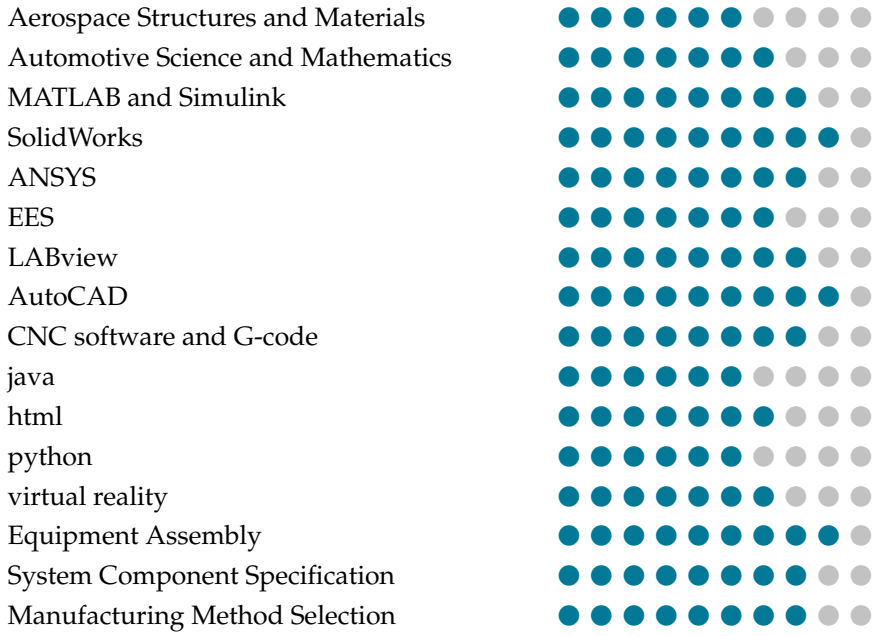
2021/10–2021/12 Double-Pipe Heat Exchanger
Lebanese American University Beirut, Lebanon
» heat exchanger designed and simulated using ANSYS and EES

2021/04–2021/05 Agricultural Assistant
Lebanese American University Beirut, Lebanon
» system programmed using LabVIEW and designed using SolidWorks, used to suggest the best amount and type of grains that can be planted given the surrounding circumstances.

2021/04–2021/05 Geneva Gear Mechanism
Lebanese American University Beirut, Lebanon
» system designed and simulated using SolidWorks, used to convert continues rotary motion into intermittent motion.

2020/11–2020/12 V6 Twin-Turbo fuel engine
Lebanese American University Beirut, Lebanon
» system designed and simulated using SolidWorks, used to in cars and SUVs

Skills



Languages

Arabic (native) English (fluent)

References

Available Upon Request