europass

Jawdat Abu Sabbah

Nationality: Palestinian (Autonomous Palestinian Territories)

(+961) 71287699

Date of birth: 05/08/1999

Gender: Male

Email address: jawdatabusabbah1999@outlook.com

Whatsapp Messenger : 71287699

LinkedIn : https://www.linkedin.com/in/jawdat-abu-sabbah-6a286817b

Address: hay lwad, 00000 Baalbek (Lebanon)

ABOUT ME

I am a graduate mechanical engineer, pursuing my master's degree and seeking a promising career with a progressive organization that provides an opportunity to capitalize my technical skills and abilities in the field of mechanical engineering and energy. Currently, I have completed over 15 different online programs related to engineering domain generally; 2 certified virtual internship, 10 courses with prestigious universities and 4 workshops. Personal skills: Excellent written and verbal communication skills, highly organized and efficient, ability to work independently or as part of a team, proven leadership skills and ability to motivate others.

WORK EXPERIENCE

Mechanical Engineering workshop

[11/2020 – 01/2021]

City: Baalbek

Country: Lebanon

https://drive.google.com/file/d/1ICD04_gC_m_fSv_quGumi2cfAXEjoVca/view?usp=sharing

- Manufactured a light spot.
- Applied milling, tapering, drilling, threading, and other operations to produce the final product.
- Used milling and lathe machines.
- Calculated various parameters for operations in surface roughing and finishing processes, such as Feed rate and Rotational speed.
- Used SOLIDWORKS 2020 software.

Mechanical Systems assessment project

[04/2020 – 07/2020]

City: Baalbek

Country: Lebanon

- **Business or sector:** Professional, scientific and technical activities

- Designed a pressure vessel.
- Modelled a simple manual 5 speeds with reverse gearbox.
- Used SOLIDWORKS 2018 software.
- Utilized a motion study to support the design.

EDUCATION AND TRAINING

Masters of Science in Mechanical Engineering
Lebanese International University [09/2020 – Current]

Final grade : (3.47/4 current GPA)
Thesis: Heating System Performance Improvement by Recovering Heat from Waste Energy

Bachelor of Science in Mechanical Engineering
Lebanese International University [09/2017 – 07/2020]

Final grade : CGPA: 3.56/4 (Distinction)
Thesis: Five Speed Manual plus Reverse Steel Gearbox

LANGUAGE SKILLS

Mother tongue(s): **Arabic**

Other language(s):

English

LISTENING C1 **READING** C1 **WRITING** B2

SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C1

French

LISTENING A2 **READING** A2 **WRITING** A2

SPOKEN PRODUCTION A2 **SPOKEN INTERACTION** A1

DIGITAL SKILLS

CAD, Simulation and programming Softwares
AutoCAD / SOLIDWORKS / Ansys APDL / HAP(Hourly Analysis Program) / MATLAB / Engineering Equation Solver (EES) / Automation Studio

Microsoft Office
Microsoft Word / Microsoft Excel / Microsoft Powerpoint

NETWORKS AND MEMBERSHIPS

National Society of Professional Engineers (NSPE)
[2021 – 31/07/2022]
https://drive.google.com/file/d/1oe2XsgjQnmYY-vm-S0HeqQLSpxuMRqP4/view?usp=sharing

HONOURS AND AWARDS

Dean's Honor List
Lebanese International University

Enlisted in Dean's Honor list several semesters because of my academic excellence in Lebanese International University (Fall 2017, 2018, 2019, 2020 and Spring 2018, 2020)

Scholarship winner
UNRWA [07/2017]

A scholarship of a value (28,698$) covering full tuition fees for 3 years bachelor's degree and 2 years master's degree in Mechanical Engineering at the Lebanese International University.

EXTRACURRICULAR ACTIVITIES AND ONLINE COURSES

Digital Thread: Components

[12/2021]

The State University of New York (SUNY)

https://www.coursera.org/account/accomplishments/certificate/UU8SZ7FSJT2R

Digital Manufacturing & Design

[11/2021]

University at Buffalo, The State University of New York

https://www.coursera.org/account/accomplishments/certificate/6R27V773J3UL

Mechanics of Materials IV: Deflections, Buckling, Combined Loading & Failure Theories

[10/2021]

Georgia Institute of Technology

https://www.coursera.org/account/accomplishments/certificate/S88VHK6LBXHA

Project Initiation: Starting a Successful Project

[10/2021]

Google

https://www.coursera.org/account/accomplishments/certificate/WMMTK83RJDCH

Mechanics of Materials III: Beam Bending

[10/2021]

Georgia Institute on Technology

https://www.coursera.org/account/accomplishments/certificate/2WXYX2UR3FEU

Mechanics of Materials II: Thin-Walled Pressure Vessels and Torsion

[09/2021]

Georgia Institute of Technology

https://www.coursera.org/account/accomplishments/certificate/4S4XL7MW5HX9

Product Development using AutoCAD

[09/2021]
https://www.coursera.org/account/accomplishments/certificate/JTVDYBAGPHRZ

Virtual Internship with General Electric company

[08/2021 – 09/09/2021]

Completed the practical task modules in: Energy: Power Generation, Healthcare, Aviation Systems

https://insidesherpa.s3.amazonaws.com/completion-certificates/General Electric (GE)/XxtPu3MdxghFHzPGn_General Electric (GE)_T8nFL2jXEEMH4nFCf_1631211746354_completion_certificate.pdf

Wind Energy

[09/2021]

DTU (Denmark Technical University)

https://www.coursera.org/account/accomplishments/certificate/U68FARN888C3

Foundations of Project Management

[09/2021]

Google

https://www.coursera.org/account/accomplishments/certificate/8HYDVLMECUBT

Virtual Internship with John Holland company (Australia)

[07/2021 – 28/08/2021]

Completed the practical task modules in: Concrete Take Off, Subcontract Rates Comparison, Design & Installation, Testing and commissioning

https://insidesherpa.s3.amazonaws.com/completion-certificates/JohnHolland/6ub4z3FeLwsaoWuxw_JohnHolland_T8nFL2jXEEMH4nFCf_1630180609746_completion_certificate.pdf

Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading

[08/2021]

Georgia Institute of Technology

https://www.coursera.org/account/accomplishments/certificate/7DJ5VALSD5G5

MATLAB Onramp

[06/2021]

MathWorks

https://matlabacademy.mathworks.com/progress/share/report.html?id=f27486bd-4dc2-4282-9dcb-fbfe85b51a97

Revit workshop

[11/06/2021]

IEEE

https://drive.google.com/file/d/1A5DId8lqyYl_9-UodtmHYQjIw5jw560c/view?usp=sharing

AutoCAD workshop

[21/05/2021]

IEEE

https://drive.google.com/file/d/1KVLTvKEtQxXsoVARf0pn1iMnU79dviGm/view?usp=sharing

Oral Communication for Engineering Leaders

[02/2021]

Rice University

https://www.coursera.org/account/accomplishments/certificate/RZ6UUFCZ65MT

Arduino workshop

[02/01/2021]

IEEE

https://drive.google.com/file/d/1xH8uRghYCBg9IIaq5orSQM4RAo-tJqFL/view?usp=sharing

Intro to AI workshop

[20/11/2020]

IEEE

https://drive.google.com/file/d/1z9KNv6KlkEp-w6Aulvg0BhIyQbFJtwcs/view?usp=sharing