

Joseph El Rakwe

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Professional Summary

Mechanical Engineering Graduate from American University of Beirut (AUB) with 2 years of professional experience as a data analyst in Consolidated Contractors Company (CCC) looking for an Engineering Job in the marketplace. Intelligent, Hard Worker, Loyal, Honest, and Friendly that possess an outstanding performance in critical thinking, problem solving, and consistent outcomes.

Experience

JR. DATA ANALYST | CONSOLIDATED CONTRACTORS COMPANY (FEB 2024 – PRESENT)

- Worked on several programs including Microsoft Excel, Power BI, and in house applications: ERS, MIDAS.
- Monitored all Africa Projects (mainly Egypt) reports and trained several planners required for completing them.
- Focused on applying setups for reports available in our Electronic Reporting System (ERS) as an administrator.
- Assisted in testing and developing inhouse applications as an end user for these programs.
- Travelled to many countries within CCC including: Egypt (Dec 2025) for implementing site visits and report trainings; Athens (April 2024) for receiving the necessary training within different fields in Construction Support.

BUILDING MANAGEMENT SYSTEMS INTERNSHIP | AJB HIGHTECH LTD (JUNE 2020 – AUG 2020)

- Responsible for working on inhouse applications (CARE and ARENA) as an end user.
- Worked on engineering drawings by gathering all individual lights and segregated them into groups.
- Those groups were then selected to be operated each by a specific controller mainly the EAGLE controller.
- Used CARE to program how controllers operated (in a similar fashion as LABVIEW).
- Assisted employees on creating point lists for wiring inputs and outputs for controllers.

FINAL YEAR PROJECT | AMERICAN UNIVERSITY OF BEIRUT (SEPTEMBER 2020 – MAY 2021)

- Responsible for measuring thickness of oil in water.
- Used Solid works to design the buoy and its floaters.
- Used MATLAB to process several images taken from site and output the oil thickness as measurement.

Education

B.E IN MECHANICAL ENGINEERING FROM AMERICAN UNIVERSITY OF BEIRUT – GPA = 3.47 WITH 3 SEMESTERS IN HONOR'S LIST (FALL 2017 – FALL 2022)

HIGH SCHOOL DIPLOMA IN ADMA INTERNATIONAL SCHOOL – VALEDICTORIAN (SEP 2002 – JUNE 2017)

Certificates

- 3 Python Certificates (From python Basics till functions)
- PLC Certificate from OEA Tripoli.
- Renewable Energy Certificate from Coursera.
- Ethics and Compliance Certificate from CCC.
- Quality Management Certificate from CCC.
- Volunteering Certificate from CCC for training internship trainees.

Skills & Abilities

- Office and Paperwork
- Coding Languages: Python, C++ , MATLAB.
- Engineering Software: LabVIEW, Simulink, AutoCAD, Creo
- Data Software: Excel, Power BI, ERS, MIDAS
- Outstanding analytical and problem solving skills
- Unbiased and honest behavior
- Maintain proper ethics with surroundings
- Fun and versatile

Activities and Interests

Skiing, Swimming, Gym, Running, Tennis, Padel, Squash, Basketball, Piano, Music, Board Games.