



# Wissam Zeineddine

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## EDUCATION:

- **BE in Mechatronics Engineering**, Lebanese American University      Started 2019  
Expected Graduation Date      2024
- **Minor in Business**
- **Lebanese Baccalaureate**, Kornayel High School      2019  
General Science Section

## EXPERIENCE:

- Internship, Quattro-Engineering and Contracting      June/2022-July/2022  
I was assigned to work in the BIM and BMS using REVIT under the supervision of a mechanical engineer at first, then worked with an electrical engineer to be familiar with electric wiring and racks, and I was introduced to RFP structure.

## SKILLS & CERTIFICATES:

- **Certificates:**
  - Certified Associate – Mechanical Design (CSWA) – **Dassault Systèmes**
- **Computer Skills:**
  - Microsoft Excel, Word, and PowerPoint
  - Programming Languages: Java, Python, LabVIEW, G-Code
  - SolidWorks, AutoCAD
  - PSpice, LTSpice, circuit computer simulation programs
- **Hardware Skills:**
  - Arduino
  - Raspberry PI
  - myRIO (National Instruments)
- **Languages:**
  - Full professional English proficiency
  - Native Arabic Language proficiency
  - Elementary French Language proficiency

## **ACADEMIC PROJECTS:**

- **Ball Sorting Machine** Mechatronics System Design course
  - Design the machine and the path of different balls
  - Implement Python code to control Servo Motors depending on the ball size and color using Raspberry PI including a camera.
  - Dispense a ball based on a user input.
- **Milkor MGL (AKA Grenade Launcher)** CAD course
  - Design the gun with all its parts
  - Assign the material of each part of the gun
  - Perform motion and simulation studies on the gun and on the bullets

## **REFERENCES:**

Available upon demand.