

Hani Al Halwani

Beirut, Lebanon | [LinkedIn](#) | +96170059967 | halwanih00@gmail.com

EDUCATION

Lebanese American University

B.E. Degree in Mechatronics Engineering

Listed on the honor roll with a GPA of 3.35

Byblos, Lebanon

Expected Graduation Date: May 2022

Beirut Baptist School

Concentration: General Sciences

Beirut, Lebanon

Graduation Date: June 2018

EXPERIENCE

PREPAK (Member of INDEVCO Group)

Production & Maintenance Officer

Metn, Lebanon

June 2021 – August 2021

- Operated machines responsible for the production of plastic packaging (such as PET preforms, blown bottles, PC and PET gallons, as well as plastic caps, handles, and accessories in a variety of shapes, sizes, and colors)
- Repaired faulty machines and performed routine maintenance.

EXTRACURRICULAR ACTIVITIES

LAU Robotics Club

Secretary

Byblos, Lebanon

October 2021 – Present

- Organized events to assist engineering students in developing their programming skills (Python & ROS).

LAU F.M. Innovation Center Student Advisory Board

Member

Beirut, Lebanon

November 2020 – December 2021

- Planned career guiding events for STEM LAU students.

SKILLS

Technical

- Software: MATLAB, SOLIDWORKS, AutoCAD, LabView, Quartus II, OrCAD PSPICE, and Microsoft Office.
- Coding Languages: Java, Python, and MySQL.

Languages

- English (Fluent) & Arabic (Native).

PROJECTS

- | | |
|--|---|
| • Ventilator | <i>Instrumentation and Measurements Project</i> |
| • Bringing Back da Vinci Machines to Life | <i>Computer-Aided Design Project</i> |
| • Lane Following Car | <i>Mechatronics System Design Project</i> |
| • Robotic Arm | <i>BMW Competition Qualifier</i> |
| • Car Cruise Controller | <i>Mechatronics System Design II project</i> |
| • Forklift 4 Bar Mechanisms | <i>Gear Design and Modeling Kinematics</i> |
| • Intelligent Gripper | <i>Collaboration between LAU & BMW</i> |
| • Robot Teleoperation | <i>Introduction to Bio-Mechatronics</i> |
| • Solar Panel Fault Inspection Using Aerial Thermography | <i>Final Year Project</i> |

CERTIFICATES

- First Aid (CPR & AED) and Firefighting (August 2021)
- MATLAB Onramp (January 2021)
- Mechanical Design at the level of ASSOCIATE by SOLIDWORKS (October 2020)
- Certificate by LAU and BMW for completing the Intelligent Gripper Project (May 2022)