

MALAK BOSTANI

Sustainability design engineering , mechatronics specialization , undergraduate

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TECHNICAL SKILLS

Product design
Product
Mechanical design
Simulation
Communication
Soft skills

PROFILE

Sustainability design engineering , mechatronics focusing filed student
Interest in sustainable and human centered product .inspiring by natural to use biomimicry principle to create safe , functional and sustainable solution. aiming to produce inclusive products that serve societies and support social equality . Interested in improving industrial and manufacturing systems by applying efficient ,relabel and sustainable production principles

PROJECTS

Upcycled Sustainability Project

Reuse, and recycle principles to develop an upcycled project concept.
3 pillars of sustainability: environmental, social, and economic impact.

Project Management & Engineering Design Project

to divide the project into stages and estimate materials, time, and cost.
and developed design alternatives using a morphological matrix.
Project based on safety, manufacturing requirements, and user needs.
Manufacturing, testing, and teamwork activities.

LANGUAGES

Arabic working proficiency

Mathematical Modelling: Theorem to Real-Life Application

Applied theorems and modelling concepts to a real-life engineering application.

CONTACT

LinkedIn

<https://www.linkedin.com/in/malak-bostani-43060b419>

DIY Thermodynamics System

Used thermodynamics system to determine thermodynamic parameters.
Conducted and recorded measurements for analysis.
Worked with a manufacturing and installation company working period
Company /Power integration
Job role / manager assistant
2024 ~ 2025

EDUCATION

Prince Edward island B.Sc. sustainability design engineering - 2024, present