Saida, Lebanon

+961 71 559662

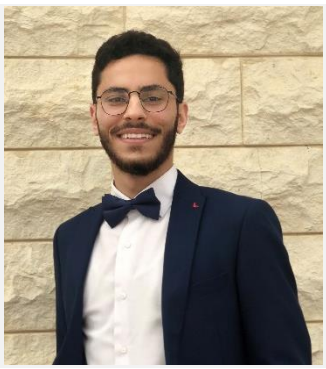
Walidkiblawi77@gmail.com

WALID KIBLAWI

MECHATRONICS ENGINEER

// PERSONAL STATEMENT

As a motivated Mechatronics Engineer, I am seeking for a full-time job to apply my technical skills and gain practical experience in the field. With proficiency in ROS, Solid works, and industrial control, I am confident in my ability to contribute to your team's projects. Additionally, my strong personal skills in time management and problem-solving make me an effective collaborator in any environment. I am excited to learn and grow and make meaningful contributions to your innovative work.



// WORK EXPERIENCE

22/5/2023-30/6/2023 **Jubaili Bros**
Saida, Lebanon
Internship Program. Worked in generators assembly, electrical panel assembly, and solar.

13/1/2023-present **Geek Express**
Beirut, Lebanon
Teaching Kids Programming Online

5/6/2022-present **Kiblawi For Solar** (Freelance)
Saida, Lebanon
Efficiently install complete solar power systems, including panel installation, wiring, and system integration.

4/9/2020-1/3/2023 **iDESIGN** (Freelance)
Saida, Lebanon
Designing posters and editing videos

16/5/2018-16/8/2018 **Al-Reayaa**
Saida, Lebanon
Sales and marketing representative

// VOLUNTEERING EXPERIENCE

2020-present **Farouk Scout**
Saida, Lebanon
Scout Leader

2020-2022 **Islamic Medical Association**
Saida, Lebanon
Paramedic

// ACADEMIC BACKGROUND

Mechatronics Engineering
Rafic Hariri University
2019-2023
GPA: 3.5

Baccalaureate in Life Science
Iman High School
2005-2019

// SKILLS

- MICROSOFT OFFICE
- SOLAR POWER
- SOLIDWORKS
- AUTOCAD
- MATLAB & SIMULINK
- ROS (Robot Operating System)
- COMPUTER VISION
- PLC (PROGRAMMABLE LOGIC CONTROLLER)
- ADOBE PROGRAMS (PHOTOSHOP, ILLUSTRATOR, PREMIERE)
- PROGRAMMING
- TIME MANAGEMENT

// LANGUAGES

Arabic	Native language
English	Fluent

// ADVANCED ENGINEERING COURSES

- **Engineering Project Management:**
  Covers essential aspects of managing engineering projects. Topics include project selection, planning, and time management. Explores cost estimation, pricing, contracts, and specifications. Emphasizes quality management, engineering ethics, and professional conduct. Considers the impact of engineering solutions in global, economic, environmental, and societal contexts. Addresses sustainability in engineering designs, human resources, communication, risk management, and procurement management.

- **Automotive Engineering:**
  Studies of automotive components; engine parts (crankshaft, camshaft, inlet/exhaust valves, piston/cylinder mechanism); power boosting (turbo/super charge); transmission; steering mechanism design; engine combustion and emissions; major project on simulation of overall engine performance.

- **Special Topics in Mechatronics Engineering (Deep Learning in Computer Vision):**
  Explores advanced applications of deep learning in computer vision for mechatronics engineering. Topics include CNNs, RNNs, and their variants. Hands-on experience with image classification, object detection, and segmentation. Develops skills to design, train, and evaluate deep learning models for mechatronics.

- **Artificial Intelligence:**
  Explores the core concepts and practical applications of artificial intelligence. Covers knowledge representation, learning methods, and intelligent agent design. Focuses on problem-solving using informed and uninformed search strategies, as well as adversarial search. Introduces Python libraries for AI development. Develops the ability to apply AI approaches to solve real-world problems and develop software applications.

// PROJECTS

- **Suspicious Object Detection Robot (Senior Project):**
  During our Bachelor of Engineering final year project, we collaborated as a team to program a robotic tank capable of autonomously navigating an area, utilizing computer vision techniques to detect and collect suspicious objects using a robotic arm. This project allowed us to demonstrate our proficiency in robotics, computer vision, programming, simulation, and engineering design, while also highlighting our ability to work collaboratively as a team towards successful project completion.