

Bassam Eter

North Lebanon, Batroun, Hamat * +961 81 417 207 * Bassameter005@gmail.com

Proficient in English, French and Arabic

CAREER OBJECTIVE

Results-driven **Mechatronics Engineer**, **AI Automation Specialist**, and **Airfield Operations Officer** with a distinguished military background, excelling in the transition to advanced technological and civilian roles. I am passionate about becoming an **AI Engineer**, leveraging my multidisciplinary expertise to bridge the gap between engineering, automation, and artificial intelligence. Skilled in deploying cutting-edge automation and AI-driven solutions to optimize operational efficiency, enhance decision-making, and ensure safety and regulatory excellence. Recognized for strong leadership, adaptability, and a proactive problem-solving mindset in high-pressure, multinational environments. Eager to contribute to forward-thinking organizations that embrace digital transformation and innovation through intelligent systems and automation.

EXPERIENCE

LEBANESE ARMED FORCES – LEBANESE AIR FORCE, Lebanon

Airfield Operation Officer, Aug 2020 – present

As an Airfield Operations Officer in the Air Force, I hold the critical responsibility of ensuring the safety and security of the airbase. This includes overseeing airfield operations, managing the firefighting unit, and implementing safety protocols. My duties involve coordinating with various departments to conduct safety inspections, develop emergency response plans, and enforce safety regulations. I am dedicated to maintaining a secure environment for personnel, aircraft, and operations at all times.

USCHEED, Lebanon

AI Automation Specialist, September 2025 – present

Designs, develops, and optimizes AI-driven workflows to streamline business operations. Skilled in prompt engineering, automation tools, and system integrations to enhance efficiency, reduce manual tasks, and improve decision-making processes.

SHOWCASE MAINTENANCE GROUP, Lebanon

Project Coordinator, Jan 2025 – June 2025

Oversees project planning, scheduling, and execution, ensuring tasks are completed on time and within scope while coordinating between teams and stakeholders.

SUC COLLEGE – CONTINUOUS VOCATIONAL TRAINING, Lebanon

Teacher, Sep 2024 – present

Taught at SUC, a technical school, where I specialize in Automotive Engines, Electrical Systems in Automotives, AutoCAD, and Engineering Drawing.

ADEEB ROBOTICS, CALIFORNIA USA

Intern remotely, Feb 2024 – Apr 2024

Currently interning at a prominent robotics company, actively engaged in a transformative project focusing on industrial robotics. Developing AI models and training datasets to enhance the capabilities of industrial robots.

Gaining hands-on experience in design and Computer Numerical Control (CNC) technologies, broadening expertise in manufacturing processes.

JALLAD CATERPILLAR, ZOUK

Intern, Feb 2024 – March 2024

Constructed and dismantled diesel engines, showcasing mastery in engine mechanics and technical acumen.

Analyzed and diagnosed engine malfunctions comprehensively, employing problem-solving prowess to swiftly identify and resolve issues.

Performed diverse mechanical tasks concerning various diesel engines, enhancing the overall operational efficiency of the workshop.

NAVAIDS PROJECT – AVIATION CONSULTING SERVICES, Beirut

Mechatronics Engineer, Jun 2022- Feb 2024

Directed the project, supervising installation procedures and enforcing safety standards. Deployed and configured VOR, ILS, and DME equipment, showcasing technical proficiency. Implemented grounding procedures.

ZEENY STEEL, Kousba, El Koura

Intern, Jun 2023 - Aug 2023

Leveraging my extensive training in Programmable Logic Controllers (PLC) and expertise in mechanical and hydraulic systems (Siemens & FESTO).

UNIFIL HEADQUARTER, Naqoura, South Lebanon

Liaison Officer, 2023

Served as the liaison officer between the Lebanese Armed Forces and the United Nations Interim Force in Lebanon (UNIFIL) at the UNIFIL Headquarters.

Facilitated communication and coordination between UNIFIL and the Lebanese Air Force to ensure effective collaboration and cooperation in joint operations.

Played a key role in enhancing the partnership and strategic alliance between the Lebanese Air Force and UNIFIL for peacekeeping efforts in Lebanon.

LEBANESE AIR FORCE, Hamat Air Base

On Job Training, Jun 2023 -Aug 2023

Acquired in depth knowledge of both mechanical and electrical systems used in aircraft.

Conducted maintenance activities, including replacement of components and installation of new parts on various aircraft models.

Performed vibration tests to assess the structural integrity and operational efficiency of modified aircraft components.

AIRTRAFFIC CONTROLLER, Riyaq Airbase, Beqaa

Air traffic Controller, Aug 2018 - Jan 2020

The Lebanese Air Force Airbase; Riyaq Airbase is a class D airspace that provide Traffic advisories and clearances in Beqaa Area.

Used complex radio communication equipment to give advice, information and instructions to pilots.

EDUCATION

QUANTUM BASE, CANADA

Certification in AI Automation Specialist (Aug 2025- October 2025)

YEP MED PROGRAM – Escuela de Barcelona

Beirut, Lebanon

Certification in Port Logistics and Trade Operations (2022 -2023)

VOCATIONAL TRAINING IN RENEWABLE ENERGY

Halat, Lebanon

Certification in Renewable Energy IECD & Liban Cables (June 2024- Aug 2024)

CONTINUOUS VOCATIONAL TRAINING CENTER

Tripoli, Lebanon

Diploma in Automotive Mechatronics Systems (Apr 2024- September 2024).

AMERICAN UNIVERSITY OF SCIENCE AND TECHNOLOGY

Beirut, Beirut

Bachelor of Science Mechatronics Engineering (AUG 2023)

UNITED STATES AIR FORCE ACADEMY - KEESLER AIR FORCE BASE MISSISSIPPI, USA
Airfield Operation Officer (July2020)

LEBANESE ARMED FORCES MILITARY ACADEMY BEIRUT, BEIRUT
Bachelor of Military Science (Aug 2020)

AIR FORCE SCHOOL - RIYAAQ AIR FORCE BASE RIYAAQ, BEQAA
Bachelor of Air Traffic Controller (Jan 2019)

AZM UNIVERSITY TRIPOLI, NORTH LEBANON
Diploma in CCNA 1,2,3,4 (2017)

ADDITIONAL SKILLS

MATLAB	AUTOCAD	INVENTOR CAD
ARDUINO	PYTHON	PLC
PROTEUS	AI	ROBOTICS
RPA	AUTOMOATION	N8N
	C++	Automation
Operation Management	Airfield Management	Tower Control
Radar Control	Technical Reports	Design
Leadership and Team Building	Creativity And Flexibility	Analytical And Problem-Solving Skills
Organizational Skills		

CERTIFICATIONS AND TRAINING

- CTF Mini Training With Semicolon. (2026)
- Introduction to Cybersecurity From Cisco Academy. (February 2026)
- Gear-Up Bootcamp Eurisko Academy. (November 2025).
- Fire Systems Design Certification From Engineering Solutions (Sep 2025).
- Elements of AI for Business From University of Helsinki and Minnalearn. (Aug 2025).
- Art of Prompting Certification From Quantum Base (Aug 2025).
- Project Management Certification From INJAZ. (Aug 2025).
- Content Creation and Story Telling From QUAD. (Aug 2025).
- Heavy Machinery Operator Lisence (Bulldozer, Excavator, Wheel-Loader, Backhoe and basic Motor Grader) (2024).
- UI Path RPA Learning Certificate (2023).
- HCIA-AI Certification From Huawei. (2022)
- Participant “Work Success Boot Camp” with Bank of Beirut and AMIDEAST. (2016 – 2017)
- Volunteer With UTOPIA. (2014-2016)
- Participant in The Company Program with INJAZ Lebanon. (2015)
- Trainee with Lebanese Red Cross “Piece Festival”. (2015)
- Participant In Planning and Organizing Event With CROSSARTS. (2014).

REFERENCES

References upon request