

Mohammad Ahmad ALhamad

ELECTRONICS TECHNICIAN

JCC6+VW Wadi El Zayni, Lebanon | +961 76467789 | maalslab@gmail.com | [Portfolio](#)

Objective

Innovative and detail-oriented Electronics Technician with over 5 years of experience in PCB design, assembly, troubleshooting, and maintenance. Seeking a challenging role where my technical expertise, creativity, and problem-solving skills can drive the success of cutting-edge electronic systems.

Core Competencies

- PCB Design & Layout:** Proficient in complex, multi-layer PCB design, utilizing advanced ECAD tools (Altium Designer, OrCAD/Allegro, KiCad).
- Electronic Testing & Diagnostics:** Extensive experience with oscilloscopes, multimeters, and function generators for comprehensive testing and troubleshooting.
- Circuit Design & Simulation:** Strong knowledge in analog and digital circuit design, including simulation and validation.
- Soldering & Assembly:** Advanced skills in soldering both surface-mount and through-hole components, ensuring high-reliability connections.
- Technical Documentation & Schematics:** Expertise in reading, interpreting, and generating technical drawings, schematics, and datasheets.
- Project Management & Team Collaboration:** Proven ability to manage projects from concept to completion, working effectively across departments to meet technical objectives.
- Prototyping & Fabrication:** Experience in designing and fabricating custom components, including CNC milling and 3D printing (FFF technology).

Experience

INNOVO-LB, BERIUT, LEBANON | Hardware Technician

2018-2020

- Designed and fabricated complex printed circuit boards, integrating advanced CNC milling technology.
- Developed custom plastic and electronic components using Fused Filament Fabrication (FFF) 3D printing for bespoke project requirements.
- Led prototyping efforts for electrical and mechanical components, ensuring they met stringent project specifications.
- Conducted thorough monthly inspections and maintenance on company equipment, significantly reducing downtime and ensuring safety compliance.

UNIMEC INTERNATIONAL, BERIUT, LEBANON | Fire Service Technician

2016-2017

- Delivered comprehensive safety training on fire suppression systems to enhance team preparedness.
- Performed routine inspections and maintenance of installed fire suppression systems, maintaining top operational readiness.
- Managed inventory logistics in collaboration with fellow technicians, optimizing resource availability.
- Successfully handled an average of 60 service calls per month, achieving a zero-complaint record.

JA SQUARE, BERIUT, LEBANON IT Technician	2014-2015
<ul style="list-style-type: none">Assisted in the installation and repair of Ethernet cables for IP telephony systems.Completed the installation of 14 CCTV cameras and 9 FHD 42-inch monitors, enhancing site security and monitoring.Played a key role in the deployment of IoT devices, contributing to the company's technological advancements.	

Education

Licence Technique, LT Power Electronics	2017
National Pedagogical Institute of Technical Education (IPNET), Beirut, Lebanon	
Technicien Supérieur, TS Electronics	2016
AL Makassed Abdel Hadi Debs Vocational and Technical Center, Beirut, Lebanon	

Languages

- Arabic: Native
- English: Conversational