Yasmina Hallak

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Education

Beirut Arab University   **Debbieh Campus, Lebanon**
Bachelor of Engineering in Biomedical Engineering   September 2020-June2024
- Graduated with Honor (CGPA:3.93) & Ranked First

American University of Beirut   **Beirut, Lebanon**
Masters in Engineering Management   August 2024
- Graduate Assistant

Work Experience

BazziMed   **Jnah, Lebanon**
Ultrasound Sales&Application Engineer   July 2024-August 2024
- Combined technical expertise with sales skills to promote and support ultrasound technology which includes demonstrating the systems and providing technical support.
- Participated in managing a project to streamline and organize all departments in NBGUH hospital after fire incident this included generating preventive maintenance checklists, schedules, and contracts. In addition to visits to assess missing data as well as perform maintenance.

Intermedic (JeanFarah&Co)   **Achrafieh, Lebanon**
Internship   June 2024-July 2024
- Service Engineering: Performed preventive and corrective maintenance, calibration, and installation of medical equipment. Additionally, generated detailed reports for various devices within the medical equipment and digital radiology departments, with a focus on ultrasounds, dialysis machines, cell savers, and MRI scanners.

Hammoud Hospital University Medical Center   **Saida, Lebanon**
Internship   January 2024-Febraury 2024
- Performed preventive maintenance, corrective maintenance, and calibration across various departments with a focus on nephrology and radiology, gaining expertise in syringe and insulin pumps.
- Supported data entry for hospital services in the database and learned to handle purchasing requests and quotations.

Labib medical center   **Saida, Lebanon**
Internship   July 2023-August 2023
- Assisted in quality assurance and maintenance of different medical equipment including hospital beds, medicine fridges, probes and scales. In addition to gaining insightful technical knowledge for all medical devices within the hospital.
- Familiarization with data management, hospital database and quotations

Personal Projects

Final Year Project: Engineered a prototype for a Fully-Automated Photo-bioreactor system with a focus on improving the control of physiological conditions to enhance algae growth

AI- powered virtual reality training program for muscle fatigue prediction: Participated in Abu Dhabi University's 10th undergraduate research competition, with a project focusing on a new AI-driven virtual reality training program to predict muscle fatigue.

Skills

Skills*:* Basics in C| Basics in python |VHDL |Matlab| assembly language| Microsoft office| Visual studios| Quartus| ModelSim| Lab view| Fluent in English and Arabic both written and spoken| MUN participant for 2years| Taken Duolingo English exam (scored 145/160)