

Professional Summary

A Biomedical Engineer holding a Master's degree with broad expertise across the **medical field, higher education, and healthcare administration**. Proficient in **teaching, management, and the application of AI and programming** within biomedical projects. Committed to advancing healthcare and learning through innovative technological solutions.

Experience

1. University Instructor

City University, Tripoli, Lebanon, (Part Time) October 2023- Present.

- **Teach** undergraduate courses within the Engineering Department and **supervise** students in their final-year projects.
- Conduct assessments and **evaluate** students' coursework, projects, and overall performance across the semester.
- Guide students in creating well-formatted, academically sound **research reports** using **Microsoft Office**.
- Mentor students in developing **AI models** with **Python** and improving their **engineering prototypes**.

2. Primary Health Care Center Director

Nozha Medical Center, WATAD Association, Tripoli, Lebanon, (Full Time) May 2024-May2025

- **Managed** a team of nurses, midwives, a social worker, and a pharmacy assistant to ensure **efficient performance** and accountability.
- **Provide** physicians and the primary healthcare center with the necessary **medical devices** and **equipment**.
- Oversaw **financial operations** and maintained comprehensive **Excel records** of daily transactions and expenses.
- Address **technical issues** in the healthcare center to ensure **facility and patient safety**, coordinating with service providers as needed.
- Submitted **monthly reports** through **PHENICS** software to the Ministry of Public Health on staffing, vaccination, and community health data.
- Organized **capacity-building trainings** with "MÉDECINS DU MONDE" to promote mental health awareness and **boost staff efficiency**.
- Attended **stakeholder meetings** to strengthen health sector coordination and **monitor health and livelihood initiatives**.

3. Project Manager – Women's Health Initiative (in coordination with Expertise France)

Nozha Medical Center, WATAD Association, Tripoli, Lebanon, (Full Time) May 2024-May2025

- Led a women's health project within the health sector, from **proposal development** to full implementation.
- Prepared the **project proposal outlining** staffing requirements (OBGYN, midwife, social worker, nurse, management, accounting, and MEAL staff), necessary equipment (ultrasound, patient beds), target beneficiaries, and project timeline.
- **Supervised** all project activities and organized **awareness sessions** on women's health and community education.
- Prepared **periodic reports** for Expertise France outlining patient statistics, awareness outcomes, upcoming plans, and operational issues.
- Organized a **training session** for the OBGYN and midwife in collaboration with the ultrasound supplier on the proper use of the equipment.

4. Biomedical Engineer Assistant

Dar El Chifae Hospital, Tripoli, Lebanon, (Full Time) July 2019- August 2020.

- Worked with **Quality Control** to develop **policies** for the Biomedical Engineering Department in line with Ministry of Health standards.
- Organized and **archived** all files and contracts related to the Biomedical Engineering Department.
- Scheduled **preventive maintenance** and developed **inspection checklists** for all medical devices across hospital departments.
- **Trained** in the operation, **maintenance, and troubleshooting** of a wide range of **biomedical equipment** such as patient monitors, ECG, infusion pumps, syringe pumps, CATHLAB, stress test systems, defibrillators, ultrasound machines, and electrosurgical units.
- Trained in the **installation, calibration**, and operational setup of X-ray imaging systems.

Education

1. Masters in Medical and Industrial Communication System Technology

Lebanese University, Koura, Lebanon, October 2020 –September 2021.

- Worked on **classification** between malignant and benign renal tumors using **artificial intelligence**.

2. Diploma Degree in Biomedical Engineering

City University, Tripoli, Lebanon, September 2015 –July 2020.

- Created a **mobile application** and Alzheimer's tracker to track and monitor elderly's health.

Training and Certification

1. **Product Management Professional (PMP)**, LinkedIn Learning, 2026
2. **AI for Managers**, LinkedIn Learning, 2025
3. **Medical Equipment Trainee**, Lead Health Consultancy Company, 2022.
4. **Biomedical Engineering Trainee**, New Mazloum Hospital, 2018.

Languages

Arabic-English