

# MANAR AMJAD ALMOUSLI

## BIOMEDICAL ENGINEERING TECHNOLOGY

### EDUCATION

UNIVERSITY OF CYBERJAYA

Year : 2020-2025

- Location: Cyberjaya, Selangor, Malaysia
- Phone: +60 3-8687 7000
- Email: info@cyberjaya.edu.my
- Website: www.cyberjaya.edu.my

### CONTACT

Riyadh, Saudi Arabia

0530383402

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### SKILLS

- Teamwork & Collaboration
- Time Management
- Attention to Detail
- Problem Solving

### LANGUAGES

Arabic: C2

Proficient

English: B2

Upper Intermediate

### REFERENCE

ssoc. Prof. Dr. Nor Kamalia Binti Zahari Center of Biomedical Engineering University of Cyberjaya Email: norkamalia@cyberjaya.edu.my Contact No: +60 3-8331 3700 (Ext: 17328)

## PROFESSIONAL SUMMARY

I am a Bachelor's degree candidate in Biomedical Engineering Technology at the University of Cyberjaya, Malaysia. Originally from Syria and born in Saudi Arabia, I bring a diverse background and global perspective to my academic and professional pursuits.

I have a strong foundation in medical device operation, maintenance, and troubleshooting, supported by hands-on experience in biomedical equipment servicing and compliance with electrical safety standards, including IEC 60601-1.

I am passionate about advancing innovative medical technologies and committed to developing solutions that enhance healthcare delivery, optimize patient outcomes, and improve device performance. With a solid technical skill set, adaptability, and strong problem-solving abilities, I am well-prepared to contribute to advancements in biomedical engineering across both academic and professional environments.

### EXPERIENCE

07/2023 - 10/2023

**Wajd Medical Company**, Sales Department

- Gaining insight into companies specialising in specific devices and their spare parts.
- Identifying malfunctions or breakdowns in devices.
- Determine the appropriate spare parts needed for repair.
- Acquired knowledge of device and spare parts pricing, including regional and city-based variations

07/2024 - 10/2024

**Wajd Medical Company**, Training in device operating and maintenance

- Gained hands-on experience in the medical device industry.
- Applied learnt concepts to solve real-world problems.
- Analysed issues and collaborated with teams to develop solutions.
- Contributed to a positive team environment through teamwork, and presentations

03/2025 - 08/2025

**Dr. Mohamed Al-Faqih Hospital**, Quality Department

In the Quality Department at the hospital, I gained extensive hands-on experience in managing and maintaining medical devices within the field of Biomedical Engineering. My responsibilities included entering maintenance data, ensuring all devices had the required documentation, reviewing scheduled maintenance dates, and assigning each device to its designated department. I also managed departmental files containing device information, maintenance records, engineer visits, and monitored device transfers between departments through regular inspection rounds. Additionally, I conducted inventories of available spare parts and learned the procedures for procuring new devices, including submitting purchase requests. I further developed my skills in communicating with engineers to complete all necessary documentation for devices, including licenses for sale, purchase, and use.

### PROJECT

Smart Temperature Control System for Physiotherapy Devices (Graduation Project):

- Developed a system to improve temperature accuracy in physiotherapy devices
- Designed a mobile application to monitor and control device temperature remotely via Wi-Fi
- Enabled control of device ON/OFF functions and session duration through the application
- Enhanced patient safety by reducing temperature fluctuations and improving precision
- Applied concepts of biomedical engineering, device control, and system integration