

Amal Essam Tawfeeq

Phone: 0791454591| E-mail: amalessamdalgamoni@gmail.com
<https://www.linkedin.com/in/amal-dalgamoni-582ab2261>

Job Objective:

A dedicated telecommunication and software engineer with a strong foundation in networking, programming, and communication. Currently pursuing a bachelor's degree in telecommunication and software engineering. Proven ability to design and implement robust solutions in a dynamic environment.

Education:

Bachelor's degree in telecommunication and software, Al-Balqaa Applied University (2025)

- GPA: 3.1
- Graduation project 1: A

Work experience:

Telecommunication and Software Intern, Orange (October 2024- present)

- Installed, maintained, and optimized mobile communication networks across 2G, 3G, 4G, and 5G technologies.
- Configured and managed microwave communication systems to deliver high-performance connectivity to designated locations.
- Strong understanding of fiber optic networks.

Courses:

- HTML, Orange, 30 Hours (Sep 2024)
- CSS, Orange, 15 Hours (Sep 2024)
- JavaScript, Orange, 15 Hours (Sep 2024)
- CCNA, SDK, 80 Hours (April 2023)

Projects:

Controlling a robotic vehicle using sound during disasters and wars (2024)

This study explores the development and implementation of a sound-based control system for robotic vehicles designed to operate in such environments. By utilizing advanced sound recognition and processing algorithms, the robotic vehicle can be remotely controlled through voice commands or specific acoustic signals. The system's robustness and reliability were tested in various simulated disaster and combat scenarios, demonstrating its ability to navigate complex terrains and execute tasks such as searching for survivors and delivering essential supplies. The findings indicate that sound-based control offers a viable alternative to traditional remote control methods, providing enhanced safety and operational efficiency.

Familiar with:

- SQL
- Java
- Python
- Arduino IDE
- Compiler

Skills:

Language skills:

- Arabic: native
- English: Very Good

Computer skills:

MS package
AutoCAD
Latex

Computer language skills:

C++
OPP
JavaScript

