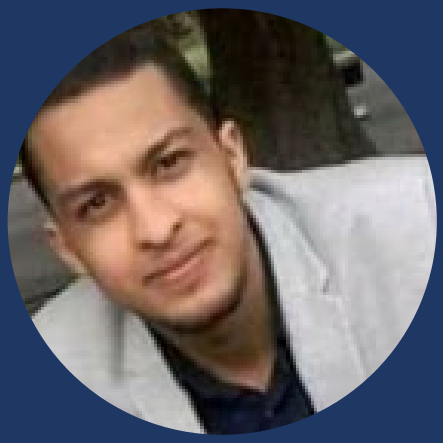

Hazem Kalboussi

Engineering student

computer science

CONTACT

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PROFILE

Currently a fourth year student SLEAM (Ambient and Mobile Embedded Systems and Software) at Esprit (Private Higher School

Engineering and Technologies). I am looking for an internship from June
2021.

TRAINING

DIPLOMA engineer in computer engineering

Private Higher School of Engineering and Technologies

2019 - 2022

DIPLOMA higher technician in computer engineering

Higher Institute of Technological Studies of Rades

2016– 2019

LANGUAGES

- English: Advanced
- French: Advanced
- Spanish: Beginner

Academic Projects

System of regulation of a wind turbine blade

This project was completed by one person in a month.

This system was made with an arduino board and other components (stepper motor
pitch, servomotor, lcd display, one blade).
This system consists in modeling the method of regulation of wind turbines by the variation of the pitch angle of the blades during its
operation following unsteady conditions of the characteristics of the wind (speed and direction variable over time).

Mini CNC

This mini CNC (Computer Numerical Control) was made by two people in 2 months.
This CNC was made with an arduino board and other components (2 CD players, servomotor).

This CNC is the automation of machine tools by which we can draw different types of letters, image provided by computer in

using software.

Smart house

This project was carried out by two people in 2 months .
This CNC was made with an arduino board , NodeMCU and other components (bluetooth module, stepper, dc motor, dht11).

This project consists of controlling a house (starting and stopping the air conditioner, closing and opening the windows) using text messages.

Industrial system clever

This project was carried out by two people in 3 months. This system was carried out by several raspberry, aruino uno and mega cards. It is composed of a sorting unit, a storage unit and an intelligent counting and maintenance system. This system is. remotely controlled via mobile applications. This system is based on new technologies such as artificial intelligence and augmented reality.

PROFESSIONAL EXPERIENCE

The Hammam-Lif National Maintenance Center (CNM) |
PFE internship

Feb. 2019 - May. 2019
Realized an intelligent industrial system.

Energy Research and Technology Center | Advanced training

Feb. 2018 - Mar. 2018
Realized a regulation system of a wind turbine blade.

Telecom | Worker internship

Feb. 2017 - Mar. 2017
Activation of telephone lines

SKILLS

Techniques

VHDL
Java
Spring
VS#
C, C ++
PYTHON
PHP
HTML, CSS
XML

Hardware

Arduino
Raspberry
STM
PEAK
Zedboard