

Manel ELmounaouer

LICENCE IN ELECTRONIC, ELETROTECHNICS
AND AUTOMATICS.

CONTACT

- 99 219 168
- mounawer46@gmail.com
- Sidi Bouzid

COMPUTER TOOLS

Python
c/c++
VHDL
arduino
microcontroller
HTML
Java script

LANGUAGES

- English
- French
- Arabic

mastered softwares

microsoft office
Matlab
Arduino IDE
ISIS proteus
Eagle
PSIM
SIMATIC STEP 7



PROFILE

Highly motivated and ambitious student. Possess analytical and problem-solving skills, combined with a keen interest in industrial computing and robotics. Demonstrates excellent communication record in academic and extracurricular activities. Seeking opportunities to apply academic knowledge in a practical setting.



PROJECTS

Electronic Circuit Design

- Design and testing of the stable circuit and twilight switch using industry-standard PCB software
- PCB conception and routing of BCD decoder and NE555 timer-based applications
- development of control board and PIC16F microcontroller-based systems

Arduino

- Smart plant monitoring system using LCD display, DHT22 soil moisture sensor, light sensor
- Robotic hand using servo motor, flex sensor, 3D printed hand
- Water tank controlling system using ESP32, relay module, HC-st04 ultrasonic sensor
- Solar panel tilt control using 2 touch buttons, servo motor, 1 digit 7 segment display

EDUCATION



- bachelors technical science 2021
- Licence en electronics, electrotechnics and
automatics
- Faculty of Science Gâbes 2021- présent