



NIDHAL MRABET

Bachelor's in Electronics, Electrotechnics and Automatics

CONTACT

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COMPUTER TOOLS

- Python
- C/C++/C#
- VHDL
- Arduino C
- Dart
- HTML
- CSS
- JavaScript
- VB

EMBEDDED ENVIROMENTS

- Arduino ,ESP32 ,FPGA ,
Raspberry Pi

MASTERED SOFTWARES

- Microsoft Office
- Matlab
- Arduino IDE
- ISIS
- Eagle
- PSIM
- SIMATIC STEP 7
- LabView

INTERESTS

- Football
- Chess
- Swimming
- Robotics

LANGUAGES

- Arabic - Native
- English - B2
- French - B1

PROFILE

A highly motivated and ambitious final-year student with a solid academic foundation, a keen eye for detail, and exceptional communication skills. Driven by a passion for continuous learning and innovation, I am seeking a 4 to 6-month internship to apply my academic knowledge, gain hands-on experience, and contribute meaningfully to impactful projects within a dynamic professional environment.

EDUCATION

- **Bachelor's in Electronics, Electrotechnics and Automatics ,
Specialty electronics and industrial computing** 2021 - Present
Faculty of Sciences of Gabes
- **High School Diploma , TECHNOLOGY** 2017 - 2021
Ghannouch Institute

EXPERIENCES

- Trainer in Robotics and Web Development

Conducted hands-on workshops, teaching programming and practical applications in robotics and web development skills to participants.

- Member ANCU 2021 - 2022
- Member of IRC Robotics Club 2022 - 2024
- VICE-CHAIR TECH-TITANS Robotics Club 2023 - 2024
- CHAIR TECH-TITANS Robotics Club 2024 - Present
- Member of Alliance Of Engineers ENIG 2024 - Present

PROJECTS

- **Smart Home Automation System**

Create a system to control lights, thermostat, and appliances remotely using a smartphone app or voice commands.

- **Remote Plant Monitoring System:**

Built an IoT device that monitors soil moisture and sends alerts to users smartphones when watering is needed.

- **Solar Panel Cleaning System Development**

Designed and developed an innovative system to automatically clean solar panels, enhancing efficiency and maintaining optimal performance in renewable energy systems.