NIDHAL MRABET

License 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 ENIVIROMENTS

- Arduino ,ESP32 ,FPGA ,
Raspberry Pi

MASTERED SOFTWARES

- Microsoft Office
- Matlab
- Arduino IDE
- ISIS Proteus
- Eagle
- PSIM
- SIMATIC STEP 7
- Lab View

INTERESTS

- Football
- Chess
- Swimming
- Robotics

LANGUAGES

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

PROFILE

A motivated student with a strong academic foundation and the confidence to share ideas effectively. Currently seeking a 4 to 6-month final-year internship to gain hands-on experience and develop professional skills.

EDUCATION

- **License in Electronics, Electrotechnics and Automatics ,
Specialty electronics and industrial computing**

  Faculty of Sciences of Gabes — 2021 - Present

- **High School Diploma , TECHNOLOGY**

  Ghannouch Institute — 2017 - 2021

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.