# Dah mohamed sidi

Bachelor's Degree in Electronics, Electrotechnics, and Automation (Industrial Automation and Informatics)

## CONTACT

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## EDUCATION

2022 - 2025

**Université de Gabes , Faculty of science Gabes .**
Bachelor's Degree in Electronics,

Electrotechnics, and Automation

(Industrial Automation and

Informatics)

## SOFTWARE PROFICIENCY

- MATLAB
- ISIS (Proteus)
- Eagle (PCB Design)
- IPSim
- VHDL
- Visual Studio,
- Arduino IDE
- Basic Studio
- Android studio
- MIT App Inventor.

## Technical Skills

Microcontrollers and Development Boards:
Experience with Arduino, ESP32, and Raspberry Pi. Proficient in developing and implementing IoT projects, including sensor integration and data communication for smart city applications.

## Programming Languages

- C ,C++,C#
- python
- HTML, CSS

## Langues

- French (Native) - Written and spoken translation experience
- English (Fluent) - Business communication
- Arabic (Conversational) - Basic comprehension and speaking

## PROFILE

Motivated and dedicated student of Industrial Electronics and Computer Science, with a solid foundation in electronic systems, programming, and IoT technologies. Experienced in robotics competitions and practical projects, showcasing strong analytical and problem-solving skills. Eager to apply technical expertise in a challenging internship or entry-level position within the technology sector.

## EXPERIENCE

**I undertook an internship at a company called SNIM. (National Industrial and Mining Company) – Mauritania**

- Gained hands-on experience in industrial automation and control systems.
- Assisted in maintenance processes and observed the operation of large-scale production equipment.
- Collaborated with engineering teams to understand mining operations and their integration with electronic systems.
- Member, IEEE
- Project Leader, Tech Titans Club
- Responsible for leading and managing technical projects within the club, ensuring successful planning, execution, and delivery.

## PROJECTS

- All-Terrain Robot
- Line-Following Robot
- Developed a mobile ride-hailing application using MIT App Inventor
- Developed a number guessing game for Android using Android Studio.
- **IoT Smart City Project :Participating in an IoT smart city project focused on integrating Internet of Things technology to enhance urban living. Key responsibilities include developing IoT solutions for smart transportation, energy management, and improving public services.**

## ACHIEVEMENTS

- Eco Guardians Hackathon: Awarded 1st place in the Eco Guardians Hackathon, emphasizing skills in sustainability and environmental technology .

## ROBOTICS COMPETITIONS

- Participated in engineering school robotics competitions at ENIS, ENIT, and ISIM, demonstrating strong teamwork, technical skills, and innovative problem-solving abilities.