

ANA WALID ABDESSAMED

06-74-46-31-89 | Walidgana0674@gmail.com | Touggourt , Algeria

ELECTRONICS ENGINEER

Hardworking, highly motivated professional eager to lend combined knowledge and skills to enhance business performance. Operates well in both individual and team capacities, leveraging seasoned work ethic to quickly adapt to different processes and drive company objectives.

EDUCATION

| | |
|---|-------------|
| Master’s Degree in Embedded Systems Electronics <ul style="list-style-type: none">Kasdi Merbah University, Ouargla | 2022 - 2024 |
| Bachelor’s Degree in Electronics <ul style="list-style-type: none">Kasdi Merbah University, Ouargla | 2021 - 2022 |
| Bachelor’s Degree in Electronics <ul style="list-style-type: none">Kasdi Merbah University, Ouargla | 2018 - 2019 |

WORK EXPERIENCE

| | |
|--|-------------------------------|
| Graduation Project (Master’s) <ul style="list-style-type: none">Study and Simulation of a Power Line Communication (PLC) System Focused on designing and simulating a modern system for transmitting data from electric meters. Conducted a comparative study of traditional and electronic energy measurement devices. Explored Power Line Communication (PLC) technology and implemented a simulation using signal filters and the ST7540 transceiver chip to enable communication between electric meters and a central server | 2023 – 2024 |
| Intern – Electronics Department <ul style="list-style-type: none">Sonelgaz – [Touggourt], AlgeriaParticipated in the maintenance and testing of electronic systems used in power distribution.Assisted in diagnosing and troubleshooting electronic control units.Gained hands-on experience with industrial electronic equipment and safety protocols. | (1 7-03-2024) - (27-03-2024) |
| Graduation Project (Bachelor’s) <ul style="list-style-type: none">Laser Alarm Security System Designed and implemented a security system utilizing a laser beam and a lightdependent resistor (LDR) to detect unauthorized intrusions. The system triggers an alarm (buzzer or LED) via Arduino when the laser beam is interrupted, indicating potential breach. Provides a simple, low-cost, and effective solution for securing entry points such as doors and windows. | 2020- 2021 |

SKILLS

- | | |
|---|---|
| <ul style="list-style-type: none">Time managementFast and accurate typingMicrosoft Office Suite | <ul style="list-style-type: none">Team workCommunication SkillsFlexibility and adaptability |
|---|---|

LANGUAGE

- Arabic : Native
- English : Good
- French : Good