AMIR BOUGUERRA

AUTOMATION ENGINEER

Contact

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Languages

Arabic
●●●●●●●

French
●●●●●○○

English
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About Me

Automation and Industrial Informatics expert with a Master's background. Skilled in automation systems, PLC programming, and process optimization. Passionate about innovative solutions and efficient teamwork. Eager to apply expertise and drive results in industrial automation projects. Let's connect to discuss opportunities.
Thank you.

Education

Masters in Automation & Industrial Informatics

2021 - 2024
University 20 Aout 1955

Bachelor in Automation

2017 - 2021
University 20 Aout 1955

High-School Degree

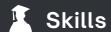2016
High-School Youras Abbas

Certifications

CCNA: Switching, Routing, andWireless Essentials

CCNA: Introduction to Networks

Operating Systems and You:Becoming a Power User

The Bits and Bytes of ComputerNetworking

Technical Support Fundamentals

🏺 Skills

- **Automation Systems: Proficient in designing, implementing, and troubleshooting automation systems for industrial processes.**

- **PLC Programming: Skilled in programming Programmable Logic Controllers (PLCs) to control and automate machinery and processes.**

- **SCADA Systems: Familiar with Supervisory Control and Data Acquisition (SCADA) systems for real-time monitoring and control of industrial processes.**

- **Industrial Networking: Knowledgeable in industrial communication protocols and network configurations.**

💼 Projects

Graduation project: Automated and Smart Irrigation System

Description:

This projec presents an IoT-based automated irrigation system for efficient plant watering. Using soil moisture and water level sensors, the system controls water supply based on preset thresholds. It's powered by ESP32 and Arduino, aiming to optimize irrigation, conserve water, and provide real-time updates via an integrated LCD screen.

Technologies Used:

This project utilizes IoT technology, employing sensors such as soil moisture and water level sensors. The implementation incorporates microcontrollers like ESP32 and Arduino boards to control the irrigation system. An integrated LCD screen provides real-time updates on soil conditions and system status.

💼 Professional Experience

Internet Cafe Manager.

jan 2021 - Current position (2024)