

Bouzidi Yousseuf

M'sila, M'sila / CITE 317 LOTS 28020

(+213) 663180261

youcefbouzidi49@gmail.com

Summary

Automation and Controls Engineer with experience in diagnosing and troubleshooting automated machinery issues, as well as planning and organising equipment repairs. Demonstrated ability to build control panels under expert guidance, showcasing skills in PLC programming, HMI design, and control systems design. Proficient in Python and C++ programming, with a foundational understanding of artificial intelligence and machine learning. Skilled in electrical schematic interpretation and AutoCAD for electrical design. Committed to integrating advanced automation systems to enhance operational efficiency.

Experience

Automation and Controls Engineer, 04/2023 - 04/2023

SARL HODNA LAIT - M'sila

- There was an issue with one of the automated machines. I learned how to diagnose and troubleshoot until I found the cause of the issue and how to fix it.
- Planned and organised repairs for faulty production equipment repairs, independently fixing minor problems.

Automation and Controls Engineer, 12/2022 - 01/2023

AGRODIV - M'sila

- Learn how to professionally build a carburetor panel control under the guidance of experienced engineers and learn the necessary calculations.

Skills

- Artificial Intelligence (AI)
- Machine Learning (Basics)
- deep Learning (Basics)
- Python Programming
- C++ Programming
- Microsoft Office Suite
- Desktop Application GUI Development
- Artificial Vision
- PLC Programming
- HMI Design
- Control Systems Design
- Automation Systems Understanding
- Process Engineering
- Electrical Schematic writing and Reading
- Electrical Schematics Interpretation
- Equipment Maintenance
- AutoCAD for Electrical Design
- SolidWorks (3D Design & Mechanical Modeling)
- Project Management
- Systems Integration

Education

2025 University of Mohamed Boudiaf – M'sila

Master's Degree Automatic and Systems

- Specialized in control systems, automation, signal processing, and industrial electronics.
- Completed a master's dissertation on intelligent control for tumor segmentation using deep learning.
- Courses included: Control Theory, PLC Systems, Artificial Intelligence, and MATLAB-Simulink applications.

Languages

Arabic: First Language

English:

B2

French:

B1

Upper Intermediate

Intermediate