



# Hatem Fenanir

31 YEARS

Maintenance Engineer , Vision system , Electronic maintenance

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📅 20, February 1994

## PROFESSIONAL EXPERIENCE

### Industrial Instrumentation

Sonatrach (Algerian National Oil and Gas Company)

02/2020 - 11/2023

Algeria

*Sonatrach – Algerian National Oil and Gas Company Sonatrach is Algeria's state-owned oil and gas company and the largest company in Africa. It is involved in the exploration, production, pipeline transportation, processing, and marketing of hydrocarbons, as well as petrochemical and energy-related activities*

*Responsibility*

- Installation, calibration, and maintenance of instruments and control systems used in industrial processes. These instruments measure, monitor, and control variables such as pressure, temperature, flow

### Maintenance Engineer

SGT BOUCHON

11/2023 - 11/2025

setif

*Entreprise franco - algérien*

*Responsibility*

- Equipment Maintenance & Repair
- Troubleshooting & Diagnostics
- Process Optimization
- Technical Documentation
- Safety & Compliance
- Spare Parts & Inventory Management
- Training & Support
- Project Participation

*responsible IT : +213561764324*

## EDUCATION

### High School Diploma (Baccalaureate)

Experimental sciences and technology

2014

Algeria

### Bachelor's Degree in Electronic Engineering

University Ferhat Abbas

2015 - 07/2018

Algeria

### Master's Degree in Embedded Systems Engineering

University Ferhat Abbas

2018 - 2020

Algeria

*Courses*

- Telecommunication Networks
- Information Technology (IT)
- Electronics

## SKILLS

Java

C++

Word

Excel

Power Point

Programming in C

Adobe Illustrator

Paython

Image processing

Maintenance

Matlab

Cisco packet tracer

Machine Language

Vision system

## PERSONAL PROJECTS (INDEPENDENT CREATION/DEVELOPMENT)

Stepper Motor Control (05/2018 - Présent) (2016 - 2018)

- Controlling a Stepper Motor Using Arduino

Autonomous Line-Following Robot (ADAS) (2018 - 2021)

- (Advanced driving advanced system) Lane Detection Using a Vision-Based System with Raspberry Pi and Arduino : The objective of this project is to develop an embedded application on an electronic system dedicated to autonomous vehicles. The main function of this application is to detect the driving lane and allow a small mobile robot or vehicle to follow it. The detection application is based on the OpenCV library and runs on a Raspberry Pi 4B single-board computer. The sensor used is a Raspberry Pi camera module. The steering control application is programmed in C++ and runs on an Arduino Uno R3 board.

Computer Numerical Control (CNC) Machine (2021 - 2024)

- Operation and programming of CNC routers for precise cutting and shaping of various materials. -Router is a computer-controlled cutting machine used for precise shaping, carving, and milling of materials such as wood, plastics, composites, and metals. It operates based on pre-programmed designs (G-code) to produce complex patterns, components, or prototypes with high accuracy and repeatability

## LANGUAGE

ARABIC



FRENCH



ENGLISH



## DRIVING LICENSE – CATEGORY B

from 2025/2035