

ALI KARIM ZITA

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WORK EXPERIENCE

Internship Trainee

May. 2023 – Jun. 2023

SONATRACH

Laghouat, Algeria

- Assisted experienced engineers and technicians during the general inspection of the GE MS3002 gas turbine in dismantling it and replacing various parts.
- Performed troubleshooting by observing vibrations, temperature, & conducted non-destructive tests using various chemicals on different parts of the turbine.

EDUCATION

University of Amar Telidji

Laghouat, Algeria

Licence (equivalent to bachelor's degree) in Industrial Maintenance

Oct. 2020 – Jul. 2023

- Grade: 16.53/20.
- Main Courses: Internal Combustion Engines, Electric Motors, Technology of Thermal Machines, CAD, CMMS, Vibrations Analysis & Monitoring, Mechanics of Fluids & Solids, and Technics of Maintenance.
- First in promotion with honors.

PROJECTS

SONATRACH & University of Amar Telidji

Laghouat, Algeria

Analysing Various Faults in Gas Turbines

Feb. 2023 – Jun. 2023

- The aim of this project was to analyse the faults in gas turbines by using vibration sensors and analysers without stopping or dismantling them.
- Employed vibration sensors and analysers for identifying gas turbine defects.
- Carried out simulations and hands-on implementations.

TECHNICAL SKILLS

- CMMS (CWorks, UpKeep, OptiMaint).
- CAD (SolidWorks).
- MATLAB & Simulink.
- Vibrations Analysing (Vib360, Abaqus).
- Programming (Python, C).
- Microsoft Office.

LANGUAGES

- Arabic: Native Language
- English: Fluent
- French: Intermediate