



## EXPERIENCE

### Mechanical Engineer



Oct 2017 - Present



SONATRACH

Central Direction: Engineering & Project Management- Sonatrach.

Working as Mechanical QA/QC Supervisor at the LPG plant Project (SH/ABB Arkad /Sarpi )

### Maintenance Engineer



Aug 2014 - Feb 2015



Algran (ENOF)

Responsible of fixed and mobile equipment maintenance in a stone-pit - Tlemcen



## EDUCATION

### PhD: Mechanical Engineering



Nov 2014 - Jul 2019



University of Tlemcen, Tlemcen Algeria

### Master: Mechanical Engineering



Sept 2012 – Jul 2014



University of Tlemcen, Tlemcen Algeria

### Bachelor: Mechanical Engineering



Sept 2009 – Jul 2012



University of Tlemcen, Tlemcen Algeria



## SKILLS AND ABILITIES

The following are my best skills which I believe are applicable to the position I have applied for:

1. Mechanical and Piping Quality Assurance/ Control
2. Project Management & Construction
3. Turbomachinery design, simulation, installing and maintenance (Compressors, pumps, gas turbines,



## PERSONAL SKILLS

1. Ability to work by myself without the need for constant supervision by employees.
2. Able to work harmoniously with other members of the team.
3. Possesses great analytical and problem solving skills.



# Abdelkadir Belhadj

April, 13th, 1990

## Mechanical ENGINEER



### CAREER

A Mechanical Engineer who is seeking to find the opportunity to work in a fun and challenging working environment that will encourage him to improve and learn new and necessary skills as well as be motivated by the company to do his best for the sake of helping himself and the company advance in the energy and mechanical engineering EPC and projects management (oil & gas, renewables and others).



### CONTACT



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### PROFILES

[Website](#)

[Linkedin](#)

[Researchgate](#)

[Google Scholar](#)



## PROFESSIONAL COURSES

Petroleum Mechanics : Specialized Engineer



Oct 2015 – Feb 2016



Algerian Petroleum Institute

Accelerated training in 13 courses (500 heures)

Technical English for oil and gas



Feb 2016 -Jun 2016



Algerian Petroleum Institute



## TRAINING AND INTERNSHIPS

Turbomachinery Engineer



Oct 2016 - Oct 2017



SONATRACH

Research assistant



Jan 2015 – present



MECACOMP Laboratory University of Tlemcen,  
Tlemcen Algeria



## SCIENTIFIC PUBLISHING

•A. Belhadj, A.Boukhalifa, S. A. Belalia, European physical Journal Plus, 132 (12), 513.

<https://doi.org/10.1140/epjp/i2017-11783-2>

•A. Belhadj, R. bouchenafa, R. Saim Journal of Thermal Engineering, vol. 4, no. 5, pp: 2263-2273, 2018. <https://doi.org/10.18186/journal-of-thermal-engineering..438480>

• A. Belhadj, A. Boukhalifa, S.A. Belalia, Mathematical Modelling of Engineering Problems, vol.4, no.1, pp.33-37, 2017.

[http://iieta.org/sites/default/files/Journals/MMEP/Vol4\\_No1\\_2017/04.1\\_07.pdf](http://iieta.org/sites/default/files/Journals/MMEP/Vol4_No1_2017/04.1_07.pdf)

•A. Belhadj, H. Boudjemaa, Medical Technologies Journal, vol.1, no.3, pp. 62-75, 2017.

<https://doi.org/10.26415/2572-004X-vol1iss3p62-75>

•A. Belhadj, A. Boukhalifa, S.A. Belalia, Journal of Modern Materials, Vol.3, no.1, pp. 9-13, 2017. <https://doi.org/10.21467/jmm.3.1.9-13>

•A. Belhadj, R. bouchenafa, R. Saim, Journal of Thermal Engineering, 4 (3), pp.1912-192, 2018. <https://doi.org/10.18186/journal-of-thermal-engineering.408709>.

•A. Belhadj et al. "On the vibration behaviour of rotating nanostructures", [International Conference on Nanomaterials Science and Mechanical Engineering](#), Aveiro, Portugal, Jul. 16-18, 2018.



## Abdelkadir Belhadj

**Researcher: Mechanics**



### CAREER

A Doctor of Mechanical Engineering who is seeking to find the opportunity to work in a fun and challenging working environment in R&D companies department or research institutes. I have a PhD in Computational Mechanics. My research interest includes, but not limited to: Computational nanomechanics (nanostructures & nanofluids), vibration, Numerical Methods, heat transfer and renewable energies ( Solar thermal).



### Softwares

FORTRAN, PASCAL, C++, Matlab, Maple, Fluent, Quick Field, TRNSYS, Ansys, Openfoam, SolidWorks, CFTurbo. Nastran, Tecplot. , Origin, Sigma Plot, Fusion 360.



### Languages

Arabic English French Spanish



### Badges

