

ABDELJALIL LETRACHE

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Personal Statement

A hard-working, flexible and scrutinizing undergraduate with a set of valuable skills, reliable whether for individual work or among a team.

Education

Faculty of Hydrocarbons & Chemistry, Boumerdes

2015–2018	B.Sc, Mechanical Engineering
2018–2020	M.Sc, Mechanical Engineering
	Thesis: Deep Learning for Predictive Maintenance of Oilfield Equipment

Internships

12/2017–01/2018	ENAFOR, Drilling Division, Reggane, Adrar
03/2018–04/2018	ENSP, Snubbing Division, Hassi Messaoud
08/2018	Sonatrach, RA1K, Skikda
03/2020	EXPRO Group, Production Department, Hassi Messaoud

Extracurricular Activities

05/2017–Present	SPE Student Chapter - University of Boumerdes Head of Design Team, Head of Communication & Relations Council and Mentor
08/2018–Present	Sustainable Youth Development Association - Skikda Communication & Marketing Department
09/2018–Present	Green Bike Boumerdes Co-Founder and President

Projects

Bolt	AI enhanced maintenance management system
RigSim	3D simulation for onshore oil rigs

Languages

Arabic	Native Speaker	French	Professional working fluency
English	Full professional fluency	German	Limited working fluency

Technical Skills

Solidworks	3D Modeling, Assemblies, Welding and Geometry Analysis
ANSYS	Perform various structural and thermal analyses
C++/Qt	General programming and GUI development
Python	General programming and scientific computing using SciPy framework
Deep Learning	Developing different machine learning and deep learning models
L^AT_EX	Scientific and professional typesetting