



Age
26 y.o.



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Mail
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SKILLS

Technical :

- Hydraulic projects and works,
- Drinking water supply,
- Sanitation and wastewater treatment,
- Environmental studies and environmental impact studies
- GIS
- Hydrology,
- hydrogeology,
- Hydraulic modelling
- Pumping
- Structural work, roads and utilities

Computer

❑ Software:

Remote sensing, cartography and GIS: QGIS, ARCGIS, ENVI, Grapher, SURFER

Hydraulic and environmental modeling and civil engineering

tools: ANSYS CFX, OLGA, AFT Impulse, HEC-RAS, HYDRUS, EPA SWMM, EPANET, Covadis, Robot, ADMS

CAD software: AutoCAD

❑ **Programming:** R, MATLAB, C

❑ **Office:** Microsoft Office Word, PowerPoint, Excel, Publisher; Photoshop

LANGUAGES

English : Proficient English User (APTIS)

French : Proficient User (DEL F B2, Certification Voltaire)

INTERESTS

Hobbies: Painting, literature, DIY, Design

Club: Club AstroENIT (Astronomy Club)

Nada NSIRI

Hydraulic and Environmental Engineer

EDUCATION

2018 – National Engineering School of Tunis (ENIT):

National Engineering Diploma with honours.

Subjects: Hydrology, hydrogeology, Hydraulic modelling, Environmental modelling, Production and distribution of drinking water, sanitation

2015 – Preparatory Institute for Engineering Studies - El-Manar (IPEIEM):

Preparatory courses for Engineering studies in Technology (PT).

Subjects: Physics and chemistry, Mathematics, Computer Sciences, mechanical and industrial design

2013 –Bou Salem High School:

Technical Sciences Baccalaureate with honors.

PROJECTS

End of the 2nd year project (PFA2):

Modeling the flows of the Medjerda river at Bou Salem via the development of an artificial neural network model. (MATLAB).

Urban hydrologic and hydraulic modelling:

Hydraulic study of a bridge (HEC-RAS),

Design of a: drinking water distribution network (EPANET), a sanitation network (EPA SWMM), and a treatment plant.

Modelling with CFX:

Aerodynamics of high speed trains (Ansys CFX).

Innovation project (with INJAZ-Tunisia): Creation and marketing of a product.

EXPERIENCE AND INTERNSHIPS

Oct. 2018- Jan. 2020-IAP (Ingénierie, Assistance & Pilotage):

Hydraulic and environmental engineer at IAP

- Carry out studies
- Develop all types of plans, from design to execution.
- Edit design calculation notes in accordance with the regulations.
- Design computer models.

Intervene on the most technical subjects and provide a complete solution in all phases:

- Study and design of structures
- Provide preliminary studies and detailed design reports.
- Development of Environmental and Social Management Plans (ESMP)
- Implementation studies

Feb. June 2018- End of studies project-EPPM: "Extraction of methane from Lake Kivu"

Water hammer and multiphase flow studies with AFT Impulse, OLGA and ANSYS CFX.

Jul. 2017- Engineer internship - Regional Commission for Agricultural Development (CRDA): "Soil Remediation Study"

Hydrological study and design of the drainage network

Jul. 2016-National Sanitation Office (ONAS): « Wastewater treatment »

Internship at the wastewater treatment plant of Bou Salem