

DAYEH IHEB

Mechanical engineer graduated from the National School of Engineering Monastir (ENIM) with professional experience in systems design , strong problem-solving expertise, and the ability to work with new technologies.

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EXPERIENCE

ingénieur application mécanique

SAMM TEST AND AUTOMATION

en cours

ARINA-TUNISIE

Design of special machines according to the customer's needs.

- Realization of feasibility studies and design of mechanical systems.
- Coordination of projects with production teams to ensure the implementation of efficient and economical solutions.
- CAD/CAM design and simulation to validate the performance of designed machines
- Provide technical support for special machines: manual user, maintenance manual.

End of study internship

SEABOT

February 2022 - July 2022

nabeul

Study and design of an instrumented DATA buoy equipped with a mooring line for long-term observation of the marine environment and the collection of oceanographic data

- Study the structure of the buoy.
- Study the balance and buoyancy of the system.
- Calculation of the waterline and submerged volume.
- Study the mooring line (dimension and resistance of the junction boxes, dimension and resistance of the spherical enclosure).
- Development of an underwater pumping system to evacuate water from the spherical enclosure. -Hydraulic calculation and choice of components.
- Analysis of the behavior of the buoy in the wind, waves, and current.

EDUCATION

Mechanical engineering (plastics and composites speciality)

National engineering school of Monastir

Sept 2019 - June 2022

• Material science • Automated system • Programming • composite, molding • mechanical simulation • Finite element method • Fluid Mechanics • Dynamics of Machinery

Preparatory study

Preparatory Institute for Engineering Studies El Manar

sept2017 - june2019

•arithmetic •algebra •geometry •calculus •statistics• physics •chemistry
•python programming

SOFTWARE

SolidWorks

Catia

Matlab

Ansys

Pack office

TECHNICAL SKILLS

javascript

HTML - CSS

Django

SQL

programmation (python, Matlab,C)

Pack office

LANGUAGES

Arabic native language



English B2 level



French B2 level



German A1 level



PROJECTS

•TRANSTUNE :web application to provide the routes of different means of public transport in Tunisia // HTML, CSS, JAVASCRIPT, JSON, GOOGLE MAPS API, SQLITE, Django

CERTIFICATES



Mechanical Design and Manufacturing with Fusion360

certificate from Autodesk



Machine learning certificate

from Stanford university / 11 weeks



Python programming certificate

from Michigan university / 7 weeks



MATLAB programming

from Vanderbilt University / 9 weeks



CSWA

SOLIDWORKS