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.

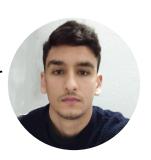


J (+216) 53278107

Nabeul, Tunisia

in

LinkedIn/iheb-dayeh



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

i 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

SOLIDWORKS