

MALLEK Sadok 23 years

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Engineering Student

Motivated student in final year of
maritime engineering
École Centrale Marseille



Education

- 2013-2014 : **Third year at « Ecole centrale Marseille »** specialty « **Maritime Engineering** »
 - Deepening: Hydrodynamics - Offshore & Marine Energy - Naval architecture - Coastal Engineering.
 - Job training: Supply, Production and Logistics.
- 2013 : **Exchange semester** at the university of Liege, Belgium. Course options: Renewable Energies, Energy vectors and sustainable development & Treatment of pollutants.
- 2011-2013 : **First and second year at « Ecole Centrale Marseille »** :Graduate Engineering School preparing the French Engineering degree, Core syllabus including. Mechanical, Modern chemistry, process engineering, environment and effluents treatment, project management...
- 2009-2011 : 2 year intensive undergraduate courses in Mathematics and Physics for competitive entrance to French graduate engineering schools at “L’institut Préparatoire Des Etudes Scientifiques et Techniques” (**IPEST**) La Marsa Tunisia.
- 2009 : Tunisian Science baccalaureate specializing in mathematics (with honours), Mongi Slim’s School, sfax (Tunisia)

Work and Personal Experience

- 2014: **Internship at CMA CGM (CMA Ships – 6 months)**
Follow up of container ships performances:
 - Developing a fuel consumption models from navigation data (STATA)
 - Trim optimization: searching the optimal trim for each class of vessel in the aim of reducing their consumption (VBA-STATA)
- 2013-2014: **Project (ECM-SubSea7)**:Vessel Motion Monitoring and Forecasting System.
- 2012-2013: **Project (ECM-Schlumberger)**: bench of Measure of Whirling: assembly and development of a test bench to examine the chaotic movements (simulations of oil drillings. Software: MATLAB).
- July 2012: **Internship at British Gas Tunisia**, Sfax (Tunisia) Company specialized in the exploration and the extraction of the natural Gas. Discovery of the site and participation in inspection visits and "hydro-test" (with the team of maintenance department).
- July 2011: Project (TIPE) **“The Rotors Flettner “**: Modelling of a small ship with rotors designed for use of the Magnus effect as driving force for the propulsion

Skills

Languages

- Arabic: mother tongue
- French: Bilingual
- English: Intermediate
- Spanish: Basic

Computing

- Working environments: Unix, Windows, Mac OS
- Tools : Maple, Matlab, Pack Microsoft Office, MS Project, Eclipse, Latex, MPLab, Abaqus, ANSYS CFX-Fluent, Deelines, Diderot.
- Programming languages : C++, Java, Pascal, Python.

Human qualities

- Motivation
- Professionalism
- Ability to work in a team
- Good relational qualities
- Dynamism
- Scrupulosity
- Mobility

Interests and Miscellaneous

- Sport (volleyball: 7 years of practice in competition).
- Member of the office of sport at the “Ecole Centrale Marseille“.
- Passionate about the Arabic poetry and literature.
- Trips and excursions.