CDI – Naval Data Analysis Engineer (M/F)

About AYRO

AYRO is a French, Deep Tech startup, with the global ambition of enabling the decarbonization of the maritime shipping industry worldwide. We design, build and sell the OceanWings, enabling commercial vessels to reduce their fuel consumption and therefore their CO_2 emissions by up to 50% using the power of the wind. By 2050, shipping could represent 15% of all CO_2 emissions: the emission reduction potential of our solution could be measured in Gigatons of CO_2 in the next 5-10 years.

Our OceanWings 363 have recently been installed on the Canopée shipping vessel who will transport the Ariane 6 rocket from Europe to Kourou in French Guyana and many other large projects are in the works.

CANOPÉE, THE MOST-ADVANCED WIND-POWERED TRANSPORT SHIP IN THE HISTORY, EQUIPPED WITH FOUR OCEANWINGS®

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Job Overview

As part of the performance team in AYRO's Paris office, you will be involved in the performance assessment of Oceanwings and the vessels equipped with them. The aim is to holistically address the impact of a wind propulsion system on a vessel in order to draw conclusions on its economic, ecological and regulatory relevance within a specific operational profile. The evaluation of the measured performance of the Oceanwings will provide input for future optimization of the Oceanwings.

If you have a master's degree in naval engineering, you have experience in data analysis, you arepassionate about technological challenges, you are interested in the maritime sector and are sensitive to environmental issues, this job is for you.

Main Missions

In cooperation with the Performance Manager and the performance engineers, your missions will include:

- Development of analysis tools: Continue the development, mostly in Python, of algorithms for processing, analyzing and displaying data collected on board vessels equipped with Oceanwings.
- Production of performance reports of navigations for internal and client use.
- Improvement of predictions: Check the predictions against the at-sea measurements and collaborate with simulation and modeling engineers to fine-tune the models for optimal alignment with the measured data

Profile & Skills required

- Master degree in Naval (or aeronautical) Engineering, with experience in data analysis.
- You have a first professional experience in data analysis (1-5 years)
- Strong skills in applied mathematics.
- Proficiency in python
- You have a creative mind, you are autonomous, reliable, curious & dynamic.
- Very good level of English, and ideally of French

What we offer

- Work on innovative projects contributing to the decarbonization of the planet.
- Contribute to building a team from the ground up.
- Join a motivated team that is receptive to your suggestions.
- Work in a pioneering spirit with sustained growth.
- Enjoy a permanent contract (CDI) as a salaried employee with 218 working days, following the metallurgy industry's collective bargaining agreement.
- Be based in Paris, in modern offices, with occasional travel within France (factory located in Caen) and potential international travel (initially in Europe).
- Be available to start as soon as possible.
- Receive an attractive salary based on your experience, meal vouchers, 50% reimbursement for public transportation, and opportunities to participate in foosball and darts tournaments.
- Experience a personalized recruitment process that includes technical and HR interviews, with an additional AYRONAUT available at your request.

JOIN US AND GIVE YOUR CAREER WINGS!

We are a team of enthusiastic experts committed to unlocking the decarbonisation of global maritime transport through the use of an innovative wind-powered solution. At AYRO everyone is invited to combine their talent and imagination with cutting-edge spirit to develop tomorrow's maritime industry.

If you wish to create the change, please send your resume and cover letter with Ref : HR-ENG-036 to hiring@ayro.fr