FICHES MISSIONS
STAGES 2021

Business Analyst - Shipping Lines

Mission

Within the East-West / Ocean Alliance Lines department and in direct collaboration with the Managers Studies & Business Development, you are in charge of analysis and development of tools on the monitoring of the evolution of the Offer & Demand of the sector as well as the monitoring of the commercial performances of the department.

In addition, as part of the optimization of the East-West line network, you will also participate in portability profitability studies and the development of synergies between the sector's shipping lines.

Responsibilities

In this context, you are in charge of developing tools and supports that will allow all employees of the department to have a better knowledge of the evolution of the market and the commercial performance of the sector:

• By being in relation with the various functions of the line (Commercial, Cargo Flow, Business Development and Business Control)
• By participating in the automation of existing tools And, to work on the optimization of the East-West shipping lines network
• By analyzing the profitability of stopovers
• Working with Operations to analyze shipping line rotations and possible synergies between lines

Profile and skills

Currently studying a Master's degree in a Business School or Engineering School, you have ideally completed an internship on similar functions. You have very good knowledge in Excel and ideally in Access.
You are rigorous, analytical and curious.
You have a very good level of English in writing and speaking.
Your knowledge of economics combined with your analytical mind will enable you to succeed in this mission.

QHSE Officer – Ships Safety Campaigns

Missions;

Within the Safety & Security Department, you will help to implement, monitor and analyze risks prevention campaigns on board ships.

In view of the results of industrial accidents on ships, a certain number of safety campaigns will be implemented in 2021. The trainee must, in cooperation with his tutor:

  - the 1st month, analyze the causes of accidents in order to propose the themes of safety campaigns

- create the supports for these safety campaigns

- set up 3 safety campaigns on the ships and analyze the results

Profile:

Currently completing a Master specialized in sustainable development / QHSE, you have a perfect command of English, and are endowed with a spirit of synthesis and analysis.

You have a first internship experience, ideally abroad, which has allowed you to develop your autonomy and your spirit of initiative.

Your rigor and your team spirit will allow you to successfully carry out the missions of this position.

QHSE Officer for Port Terminals

Missions:

Within the Safety, Security, Environment Department of the CMA CGM Group, you will be integrated into the QHSSE Terminaux & Inland department. Your mission will be to help set up a risk assessment and management process from the start of a project to its operation, taking into account the international dimension of the Group and its activities.

You will be in charge of producing the annual GHG report for the Terminals and Inland scope and developing an environmental management system to be integrated into the existing system. In this context, you will ensure the adequacy of the methodology used in relation to industry standards, to the collection of information and communication with the various international sites, as well as the benchmark.

The challenge will be to participate in the development of the environmental strategy for the coming years on the defined perimeter based on the identified impacts and good practices in place and planned.

Profile

• Master's level in "environment-quality" or "QHSE" with a specialization in environment and quality

• Knowledge of international environmental legislation and regulations

• Fluency in written / oral English

• Good communication skills

• Autonomy and motivation

• You master the Microsoft office suite and particularly Excel

Your sense of detail and precision make you a rigorous collaborator.

Internship - Optimization of ship repositioning (M/F)

MISSION:

Integrated within the Operations Department, you will work within the "Fleet Deployment" team on the development of an algorithm to optimize the repositioning of fleets of the fleet.

The financial impact of the positioning of a ship is very important as well as the loss of profit during the whole period of unavailability of the latter. The need to optimize the repositioning of ships becomes a major financial challenge for the Group.

The problem of repositioning ships is a complex problem, hence the need to develop modern decision-making tools that take account of all constraints.

RESPONSIBILITIES

In this context, you will participate in the development of an algorithm to optimize the repositioning of ships in order to make them available to the shipping lines.

For this you will work closely with the "Fleet Deployment" team on the tools under development.

You will be able to use the Group's various tools such as the "Scheduling" tool: C-Voyages and the Geographic Information System (GIS) "Ship tracking" developed within the Group.

PROFILE & SKILLS

Student at the BAC + 5 or Master level in the year of graduation or last year of engineering school or computer science, you acquired a first internship experience ideally in computer development.

You have a good command of MATLAB or an open source development language (C, Java ..) and have good communication, listening and expression skills as well as a sense of relational.

Also, your team spirit and rigor will be assets that will enable you to succeed in this mission of internship.

Business analyst in Logistics Operations (M/F)

Missions

You will :

- assist the Network Efficiency Managers in the analysis of cost deviations related to cargo flows and in the optimization of the processes in place

- collect data by carrying out audits, setting up monitoring

- participate in their analyzes and propose recommendations

- update of Qlik Sense reporting and analysis tools, development of these tools

- implementation of tools to facilitate flow studies, cost studies (dashboard, how to guide)

Profile :

Specialized in Logistics / Transport

- Fluent English (written / oral)

- Very good knowledge of IT tools, particularly Excel and Power Point, and databases (QlikSense would be a plus)

- Critical thinking / putting data into perspective

- Able to analyze and evaluate complex interactions

- Spirit of synthesis and analysis both written and oral

Data Analyst for fleet performance and damages

Missions:

Within the Chartering department you will:

1) Analyze the performance of the vessels of the chartered fleet and comparison with the charter contract (345 vessels)

2) Collect and enter information on damage cases to vessels chartered by stevedores, past and current, into a new database for in-depth analysis and processing

3) Analyze the data to identify damage caused by terminal and establish a summary of pending complaints by terminal

4) Develop analysis and reporting tools

Profile :

- Currently a student in the last year of an Engineering School, preferably specialized in maritime engineering or data analysis.
- A good knowledge or interest in ships and maritime transport would be an asset.
- You have ideally completed an internship in similar functions.

- You have good knowledge in the use of office automation tools, spreadsheets and BI, leading to be comfortable with encrypted data, its manipulation and interpretation.

- A good analytical mind and a certain dynamism will enable you to carry out this mission successfully.
- You have a very good level of written and spoken English.

Diving Drone test- and development engineer

POSITION SUMMARY

CMA CGM is committed to develop automated hull inspections with autonomous underwater drones. Several parallel developments have been initiated:

- Increase the independence of the underwater drone operation from 100% remote controlled to more assisted, then semi-automatic, and finally autonomous modes
- Create an automated hull fouling classification functionality
- Create a web-based inspection analysis platform
This internship is based in Algeciras, Spain.

Missions:

- In close coordination with the technical development teams in Marseille, the port agents, and the vessels command team, you will organize and perform tests and under water inspections with the drone.
- You will track and report your observations on a wide range of technical parameters that are intended to further develop and improve the drone's autonomy, its use patterns, and user-friendliness (ergonomics).
- As things progress, new features and further developments will be added to the drone and need to be tested and assessed. You will be the privileged entry point for all questions related to the deployment and use of the drone and expected to formulate relevant propositions for its improvement.
- Moreover, the underwater inspections are supposed to rapidly produce exploitable survey results, allowing to draw conclusions on the fouling state and the mechanical state of the hull and its coating.

PROFILE

- You are interested and familiar with new technologies, especially robotics and artificial intelligence.
- You have basic knowledge in naval architecture or marine engineering, alternatively a sound technical knowledge of commercial vessels or a professional experience as a sailor are required.
- Expertise in underwater hull coatings and underwater fouling as well as knowledge or experience in scuba diving will be useful.
- You are fluent in Spanish and English, both in oral and written communication. Proficiency in French is an advantage but not mandatory.
- Logical structuring of your observations, as well as communicating findings and conclusions succinctly and in clear & precise words are mandatory requirements for a smooth exchange with your future colleagues and the drone's further development.