

Marine Data Research Intern

Job summary:

The Crown Estate is looking for a research intern, to work within its Energy, Minerals and Infrastructure team, to understand opportunities for improved data visualisation in order to enhance discoverability of an extensive database of industry produced offshore survey data which is available to the public through the Marine Data Exchange (MDE).

Essential functions of the job:

- Gain a familiarisation of survey data held on the MDE and understand customer requirements around the discoverability of data.
- Work with the appropriate departments across The Crown Estate to scope out opportunities for improved data discovery through data visualisation and user friendly interfaces. Develop a recommendations report to TCE and carry one idea from the scoping study through to testing.
- Work with our GIS team to develop dashboards for the MDE that focus on improving data discovery. Develop a recommendations report to TCE on how this approach can be implemented.
- Work with the appropriate departments across The Crown Estate to plan, design and deliver a Marine Data Exchange Hackathon event with a focus on extracting value and enhancing discoverability/accessibility of survey data on the MDE.
- Present findings and recommendations to the business, through a short presentation.
- Working closely with our GIS and Energy, Minerals and Infrastructure teams, this role would be ideal for an individual looking to gain experience with large datasets, data visualisation tools, data insights and marine survey data.

Skills required:

- Excellent communication and interpersonal skills, including good command of written and spoken English
- Undergraduate degree in relevant subject or equivalent experience
- Enthusiasm for new tasks and a willingness to work as part of a busy team
- Strong computer skills, including use of Word and PowerPoint
- Knowledge of Power BI or Tableau for the analysis and visualisation of data
- Knowledge of geographical information system software (such as ArcGIS, MapInfo or QGIS)
- Knowledge of statistical software packages (such as SPSS, R or Stata)
- Knowledge of HTML or JavaScript for the creation of a customer-facing website
- Ability to work independently, as well as within a team

Experience required:

Proven experience in the following areas:

- Using geographical information system software (such as ArcGIS, MapInfo or QGIS)
- Using Power BI, Tableau or other data analytics tools for the analysis and visualisation of data
- Storing, managing and analysing multiple datasets is desirable
- Undertaking detailed research, writing reports and project management is desirable
- Using HTML or JavaScript for the creation of a customer-facing website is desirable

Business Area :	CIO
Department:	Energy, Minerals and Infrastructure
Job level:	Internship
Responsible to:	Marine Data Advisor
Contract type:	Temporary 3 month period
Budget Accountability:	None
People Responsibility:	None