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Job Title: R&D Engineer
Start date: Asap
Location: Edinburgh
Salary: According to experience

Job Description

SMAR Azure Ltd develops and commercialises innovative design solution for the marine industry. At this stage, SMAR Azure is looking for a Research and Development (R&D) Engineer with an expertise in structural design of marine structure and Finite Element Analysis. Knowledge about commercial ships design is required. The candidate must have good attitude to carry out challenging tasks and be flexible with good communication skills.

Key Responsibilities

As part of the SMAR Azure R&D team, the R&D Engineer will be responsible for:

- Structural design, including CAD drawing
- Product design requirements development and update
- Structural analysis using established tools to influence design decisions and/or to demonstrate
- structural integrity against product requirements to analyse structure failure and to increase efficiency of structure

He/she will:

- Communicate effectively with colleagues and clients (internal and external)
- Ensure projects are delivered to client's standards to cost and budget
- Make decisions and solve problems (problem solving and decision-making ability)
- Works under supervision but uses initiative

Basic Requirements

- Bachelor's degree (BA/BS) from a 5-years university or MSc equivalent in Naval/Mechanical/Aerospace/Engineering.
- Working experience using 3D CAD and FE-Analysis tools, Non-Linear analysis
- Must be fluent in English and able to write reports
- Ability to integrate in a dynamically evolving team

Preferred Requirements

- Naval architecture
- Structural Dynamics
- Aero-structure interaction

To apply, please send an introduction letter and your CV to Dr Donald MacVicar donald@smar-azure.com