

## Job Description – Jr. Naval Architecture Technologist

**Company Overview:** Blumara Corp. is a company based in Halifax and established in 2016 to develop innovative solutions for the marine environment by providing a range of design, engineering, and project development services for the Commercial Marine, Naval and Renewable Energy sectors. Specializing in Naval Architecture and Marine Engineering, Blumara has been involved in a number of Marine Energy and Ship design and build projects.

**Job Title:** Jr. Naval Architecture Technologist

**Location:** Halifax, NS

**Start date:** May /June 2019

**Status:** Initial Contract for 3 Months, Full Time, 40 hours per week

**Salary:** Starting at \$19/hr

### **Duties and Responsibilities:**

- Provide day-to-day support for ship design, analysis and marine energy industry activities
- Perform structural design and drafting tasks for new build and vessel modifications
- Assist with structural design calculations including finite element analysis
- Provide general support to other Naval Architecture and Marine Engineering activities
- Keep abreast of marine industry development, standards, regulations, and codes.
- Represent Blumara at industry events, conferences and meetings as necessary.
- Contribute to a productive work environment based on mutual trust and respect while carrying out all work in a safe and effective manner

As the successful candidate you will be working primarily on Blumara's commercial and naval ship design and construction support activities. Specifically this will involve the use of 3D modeling software to create and modify 3D models and create construction drawings from those models. In addition, you will be expected to assist in the structural design and analysis of ship's structures, which may involve the use of Finite Element Analysis software and the writing of reports to summarize the results of analyses. In addition to these activities, you will support Blumara's other Naval Architecture and Marine Engineering work as necessary, which may include design and drafting of other marine, mechanical and electrical systems. There will also be an opportunity to become involved in and gain experience of the marine energy industry in Canada.

### **Skills and Experience:**

- Diploma in Naval Architecture or other relevant subject
- Proficiency in AutoCad and Rhino (or other 3D modeling software)
- Experience in the design and analysis of ship structures
- Project management skills
- Strong interpersonal and written/verbal communication skills
- Ability to work independently
- Ability to be a team player
- Experience in working with collaborators, contractors and consultants.

### **Desirable Experience:**

- Experience in Finite Element Analysis.
- Experience in working in the offshore environment
- Knowledge of the tidal energy and marine industries and relevant technologies

Any offer made to a candidate will be subject to that candidate obtaining the relevant Security Clearances (Blumara will assist in the process to obtain these).

### **How to Apply:**

Submit your cover letter and resume (in one attachment) to Melissa Flynn, Office of Career Integrated Learning via email:

[Melissa.Flynn@mi.mun.ca](mailto:Melissa.Flynn@mi.mun.ca)

Quoting "Blumara Job Competition" in the subject line.

**Deadline to Apply: 5:00 pm Monday, April 22, 2019**