



Job Title: Mechanical Engineer

Department: Engineering

Reports to: Vice President of Operations & Engineering

Company Overview:

Western Marine Electronics (WESMAR), based in Arlington, WA is a world leader in the design and manufacture of sonar for the commercial fishing industry, and marine equipment for propulsion and stabilization of yachts and commercial marine vessels.

Founded in 1965, WESMAR pioneered technology advances in sonar and radar. WESMAR was the first company to introduce counter rotational dual propeller bow and stern thrusters and introduced significant advances in stabilization technology for yachts and work boats.

Due to growth and expansion into our new facility in Arlington, WA we are seeking qualified candidates for the position of a Mechanical Engineer.

Position Overview:

This position will be responsible for taking a product from the idea phase to the marketplace. This role uses 3D CAD to verify a concept, support production, as well as provide suitable diagrams for literature.

Responsibilities:

- Design using 3D Modeling and Safety Calculations
- Development of legacy and new product design
- Testing/Qualification
- Documentation and Reportings/Drawings
- Render images and animations
- Perform FEA/CFD analysis
- Effectively present information and respond to questions from managers, clients, customers and general public
- Support production in a mechanical and electromechanical capacity

Qualifications:

- Bachelor's Degree (B.S.) in Mechanical Engineering from four-year college or university
- *Or* Equivalent combination of education and experience
- Ability to read, analyze, and interpret business periodicals, professional journals, technical procedure or governmental regulations
- Proficiency in writing reports, business correspondence and manuals
- Aptitude to utilize creative and forward-thinking skills
- Understand mathematical concepts such as probability and statistics; fundamentals of plane and solid geometry and trigonometry; apply concepts such as fractions, percentages, ratios and proportions to practical situations
- Experience in solving problems and ability to deal with a variety of concrete variables in situations where only limited standardization exists



- Analyzes situations to anticipate/identify potential problems, collects relevant information, evaluates options and recommends appropriate actions
- Meticulous, detailed, proactive, and self-motivated
- Ability to work with general instructions

Computer/Technology Experience:

- Proficiency with Microsoft Word, Excel and Outlook
- Solid Works
- FEA Analysis
- CFD Analysis

Certificates/Licenses:

- Engineer-in-Training Certification

Work Environment:

- Varied environment including a standard office environment with desktop business equipment and frequent telephone calls
- Noise level is moderate
- Employee is regularly required to sit for long period of time and move to various locations
- Frequent communication may be required

Physical Demands:

- Capable of lifting and/or moving objects up to 25 pounds
- Frequently reach with hands and fingers
- Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions

Compensation:

- Depends on Experience

Benefits:

- Medical / Dental / Vision / Life
- 401K
- Optional additional life insurance
- Paid Holidays / Vacation
- Employee Recognition Programs

Please submit your resume through email to HR@wesmar.com.