



Project Engineer, Ocean Systems

Company Summary

Triton Systems Inc. (www.tritonsystems.com) is a rapidly growing applied R&D and product development firm in the greater Boston area. Triton has a strong track-record of translating technologies from the laboratory to the marketplace through commercial development, licensing, joint ventures and spin-off companies. Triton's portfolio of spin-off companies includes: Fluence, Ltd. (www.fluencecorp.com), FRX Polymers (www.frxpolymers.com), [Chinook Therapeutics \(www.chinooktx.com\)](http://www.chinooktx.com) and SI2 Technologies (www.si2technologies.com). Triton portfolio companies have received over \$400 million in private venture financing and created over \$2B in shareholder value.

Project Engineer, Ocean Systems

Triton is developing exciting new products for the subsea and ocean environment. We are seeking a Project Engineer interested in hands on engineering to lead one or more of our innovative development teams. Triton's diverse set of projects will give you experience across the ocean engineering spectrum and allow you to shine in a fast-paced environment. Triton is developing subsea systems, submarine systems, unmanned undersea vehicles (UUVs), sonobuoy, towed array, and offshore renewable energy.

Responsibilities:

- Lead a project team and provide technical direction to R&D efforts. Bring concepts from idea to prototype and take them to the field. Serve both as an individual contributor and project lead.
- Take ownership of project success and maintain customer relationships
- Develop technology development roadmaps and transition plans for projects
- Recognize and creatively solve complex problems
- Identify and manage project schedules and risks
- Design, build, and test mechanical systems for the ocean environment. Integrate electrical and software systems.
- Hands on assembly and repair of machines and prototypes
- Rapidly develop high-quality CAD in Solidworks for fabrication and manufacturing from concept-level sketches and CAD
- Perform experiments in an independent & inventive manner

- Develop and communicate (in written form and orally) a compelling narrative for technical project progress or proposed work.

Desired qualifications would include some of the following:

- Department of Defense and/or US Navy R&D engineering or project leadership experience
- Experience with subsea industry, missions, and related technologies
- Experience building and fielding ocean technologies.
- Experience designing systems for submarines, or other subsea applications
- Experience with marine robotic systems design and prototyping
- Experience with structural engineering and analysis
- Experience conducting in-water or at-sea testing
- Competency using CAD and basic machine shop equipment
- Experience with COMSOL, MATLAB, LabVIEW, Solidworks, Altium, etc.
- Experience in Failure Mode and Effects Analysis
- Experience writing technical proposals

Education/Experience:

- B.S. in Electrical, Mechanical, or Ocean Engineering or related engineering field required. Advanced degree is a significant plus. 5+ years R&D experience

Due to the nature of our business and information associated with this position, interested candidates must be US Citizens

Triton Systems' Headquarters is located in Chelmsford, Massachusetts.

Come join our success and grow with the strength of these fascinating new technologies. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or status as a protected veteran.

Triton Systems is a U. S. Government contractor, therefore we are required to gather applicant information for Government reporting purposes. To apply for this position please go to our website's Careers section at www.tritonsystems.com and follow the Clicking Here link to our applicant tracking database to complete the application process. This will ensure efficient processing of your application.