



## Senior Software Developer User Interface

Greensea is the creator of OPENSEA, an open architecture software framework for marine robotics, and is a world leader in navigation and autonomy technology. We develop software and hardware that revolutionizes the working relationship between people and machines both on and under the sea. We are known for innovative and powerful technology designed for in-the-field success—and for the can-do attitude, hands-on approach, and proven ability to get the job done of the people behind it.

Greensea currently seeks a dynamic, top performer for a fast-paced technical environment. You'll support standard software products for Remotely Operated Vehicles (ROVs), Autonomous Underwater Vehicles (AUVs), and diver mobility systems. You will also support research and development programs in new technology for marine robotics. If you are excited to solve really hard problems, dedicated to 'getting it done', and confident enough to work alongside the best of the best, then we'd like to talk to you.

### Job Description

The Senior User Interface Developer takes a leadership role in architecting and developing the framework behind graphical user interfaces for Unmanned Underwater Vehicle (UUV) software systems. The successful candidate is a critical member of our multidisciplinary engineering team and is involved with all aspects of control system development for remotely operated and autonomous UUVs. The Senior User Interface Developer leads application-level design and development with no supervision, conducts QA/QC testing at all phases of integration, and assists with system-level testing and verification. This position reports to the Engineering Manager.

### Responsibilities

- Work independently and participate as a multidisciplinary engineering team member
- Design, develop, test, and integrate distributed, scalable user interface software for human-machine interface applications
- Maintain software documentation and assist in the development of user documentation
- Support legacy software applications
- Participate in field testing
- Interface with electrical engineers, control engineers, web engineers, and mechanical engineers to support Greensea's product line and emerging technology development efforts
- Support and train customers
- Interact positively and courteously with customers
- Work within Greensea's configuration management system

### Requirements

- Bachelor's degree in Physics, Computer Science, Math, Engineering, or similar field
- Minimum 5 years of recent programming experience in an object-oriented language
- C++ proficiency and recent relevant experience
- User Interface development experience for human-machine interface applications
- Working knowledge of the QT graphical user interface development framework
- Proficiency in both Linux and Windows
- Ability to take a project from scoping requirements through to project delivery

- Knowledge of professional software engineering practices and best practices for the full software development life cycle, including coding standards, code reviews, source control management, build processes, testing, and operations
- Fluency and proficiency in modern agile software development practices
- Strong written and oral communication skills

*To apply, please send your resume, salary requirements, and cover letter to [careers@greensea.com](mailto:careers@greensea.com) as PDF documents. The candidate must be eligible to work in the United States. This position is based in Richmond, Vermont and cannot be performed remotely. This position will require some occasional travel.*

*Greensea ([www.greensea.com](http://www.greensea.com)) is an equal opportunity employer. We offer a casual and fun work environment and provide our employees training and continuing education opportunities. Greensea offers competitive salaries and a complete benefits package including full health insurance, paid vacation, a 401k plan, and sick leave.*