Software Developer

Greensea Systems, Inc. (www.greenseasystems.com), a leading provider of navigation and control software for Unmanned Underwater Vehicles (UUVs), is seeking a Software Developer to be a part of our diverse engineering team. The ideal candidate will possess both technical proficiency and exceptional interpersonal skills.

**Job Description**

The software developer designs, develops, tests, and integrates embedded software applications and graphical user interfaces for UUV software systems. The successful candidate is a critical member of our multidisciplinary engineering team involved with all aspects of control system development for remotely operated and autonomous UUVs. The software developer leads module-level design and development tasks with no supervision, conducts QA/QC testing at all phases of integration, and assists with system-level assembly, testing, and verification. This position reports to a senior engineer.

**Responsibilities**

- Participate as a multidisciplinary engineering team member
- Design, develop, test, and integrate graphical cross-platform user interface applications
- Design, develop, test, and integrate embedded Linux 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
- Support and train customers
- Work within Greensea’s configuration management system

**Requirements**

- Strong written and oral communication skills
- Bachelor’s degree in Computer Science, Math, Physics, Engineering, or similar field
- Minimum 5 years of programming experience in C++, must be recent experience
- Proficiency in C++ programming language, object oriented programming, and polymorphic design practices
- Proficiency with several development tool chains and Integrated Development Environments (IDEs)
- Familiarity with basic electronics
- Proficiency in Linux and Windows User Interface development and familiarity with embedded systems
- Proficiency using both Linux and Windows operating systems
- Demonstrated proficiency in graphical user interface design and development
- Working knowledge of the QT graphical user interface development environment
- Familiarity with implementing communication protocols such as RS232, RS485, TCP/IP, UDP, and CAN

To apply, please send your resume and cover letter to careers@greenseainc.com as PDF documents. The candidate must be eligible to work in the United States. This position is based in Richmond, Vermont. Some travel will be required.

*Greensea Systems, Inc. is an equal opportunity employer. We offer a casual and fun work environment and provide our employees regular training and continuing education opportunities. Greensea offers competitive salaries and a complete benefits package including full health insurance, paid vacation, and sick leave.*