Position

Software Engineer

Description

Seeking Software Engineer proficient in C++ development in a real-time Linux environment, but also with skills relating to wide range of other related technologies. This engineer will engage in software development along a broad range of tasks including new product development, R&D, testing, existing product maintenance and directly interface with employees of other disciplines.

The dominant skill set is to identify, design, develop and deliver timely solutions. The applicant must be able to work both independently and as a team with the ability to provide and receive peer review critiques.

Required Skills

- Proficiency in C++ (and C) development
- Develop in and for Linux platforms including real-time environments
- Basic Linux system administration
- Network application development
- Library design, development and documentation
- Perform evaluation and selection of FOSS libraries and components
- Proficient in debugging / troubleshooting software artifacts and entire systems
- Perform hardware and software Integration
- Working understanding of hardware interfaces such as PCIe, RS232, SPI, Ethernet
- Well-practiced in configuration control and release management
- Proficient with build systems CMake, Make, etc.
- Ability to plan and execute sprints
- Present designs and work products for peer review
- Excellent written and verbal communication skills

Additional Desired Skills

- Git, Python, PHP, Javascript, Django, numpy and other python frameworks
- Linux device driver development
- Experience with Xilinx Zynq products is a plus
- Demonstrated implementation by Continuous Integration/Delivery/Deployment is a plus
- Experience with AWS is a plus
- Working knowledge of NAVSTAR is significant
- Familiarity with Digital Signal Processing Fundamentals

Qualifications

- BS in Computer Science (or relevant Engineering field) with 3 years of relevant experience
- Alternatively, at least 10 years of significant and verifiable relevant experience
- US Citizen