Position Title: RTEMS Software Developer, Entry-Level

OAR is a leading global solution provider for real-time embedded software development and the original developer of RTEMS, a real-time deterministic operating system. Additionally, OAR serves as the primary steward for the RTEMS open-source software and community. Founded in 1978, OAR specializes in aviation, autonomous vehicles, and space systems development by providing real-time embedded software development, model-based systems engineering, and systems architecture expertise. OAR has applied its expertise to solve the most challenging problems for the Army, Navy, Marines, NASA, ESA (European Space Agency), and in many commercial domains, including telephony, broadcasting, scientific, healthcare, and consumer electronics industries.

Position Description

OAR is seeking creative entry-level Software Developers to join our team in the advancement of RTEMS and other exciting software development opportunities in Modeling and Simulation. You will work with other team members and independently support customer projects to rehost RTEMS to target embedded hardware, port existing embedded applications to RTEMS, and help develop native RTEMS applications.

Position Requirements

- Bachelor's Degree in Computer Science, Computer Engineering, Software Engineering, or equivalent from an accredited program
- Working knowledge of Linux or Windows based software development environment
- Experience developing software in C and C++
- Ability to successfully perform on multiple projects concurrently when necessary
- Effective written communication skills for technical audiences

Ideal Skills & Experience

- Proficiency working with GCC, the GNU compiler collection
- Experience developing software in Python
- Experience using software build systems such as GNU make, CMake, or similar tools
- Experience using Git, CVS or other distributed source code version control system
- Experience using GitLab, JIRA, or other change management system
- Experience using GitLab, Jenkins, or other continuous integration testing system
- Experience developing embedded software applications