LINUX REAL-TIME APPLICATION DEVELOPER

Corporate Description

MANNARINO Systems & Software Inc. is a leader in providing safety-critical systems & software engineering services to the aerospace, defense, space, simulation & power generation industries. We work with many of the top players within their industries giving our employees exposure to the most interesting and challenging development projects. This stimulating and invigorating working environment allows our team to be at the technological forefront constantly broadening their expertise and honing their skillset to fulfill the ever-growing global high-tech market needs.

The MANNARINO culture is focused on high quality, hard work, professionalism and teamwork within a highly respectful, motivating atmosphere geared towards long-term business growth.

As a member of our team, you will benefit from:
- a comprehensive group insurance and RRSP plan
- a flextime policy with paid overtime and off-site placement premiums
- discretionary bonuses
- a fitness reimbursement program
- other office perks such as catered weekly lunches and free hot beverages (espresso, coffee, hot chocolate and tea)
- regular company outings

MANNARINO is a privately-held Small & Medium Size Enterprise (SME) and was recently awarded the AIAC's Innovation Technology Award

Career Opportunity and Primary Roles / Responsibilities

We are currently seeking software engineers/developers to support the development of real-time applications running in the Linux operating system that will interact with next generation mobile telecommunication technologies. The positions are based in Montreal.

The candidate's excellent technical skills will be used to design and develop software based on system specifications. The software may be developed in a wide range of programming languages and will interface with a number of cutting edge technologies. Ideally, the candidate has user interface (UI) and/or telecommunication development experience in a real-time Linux environment.

Interfacing with customers, suppliers, application users and other technical and support personnel may also be required. The candidate must be able to work independently and in collaboration with other team members and project stakeholders. Excellent communication skills are required.

Although the primary role would be to develop real-time software, opportunities for professional growth in other areas like software verification, systems engineering, FPGA development and aircraft simulator development may arise.

Required Competencies

- Bachelor's degree in related engineering disciplines from an accredited institute (software engineering, computer engineering and computer science are preferred)
- Experience in software engineering techniques, design methodologies and software development practices (e.g. Waterfall, Agile)
- Experience with Linux OS
- User interface development experience
- Real-time application development in Linux environment
- Significant development experience with C and C++ programming languages
- Object oriented concepts and analysis
- Working experience with a debuggers and integrated development environments (e.g. GDB, Eclipse, Microsoft Visual Studio)
- Experience in designing & integrating real-time application software, including hardware/software integration
- Excellent communication skills
- Ability to report work status concisely and accurately to the project manager as required
- Motivated fast learner

Other Competency Assets

- Knowledge of and experience with Qt toolkit (or similar technologies)
- Knowledge of and experience with WWAN, GPS and MQTT
- Experience with other programming languages (e.g. Java, Python, C#, Microsoft .NET WPF)
- Knowledge of communication protocols (TCP/IP, Ethernet)
- Knowledge of model-based development Methods & tools (UML, IBM Rhapsody)
- Knowledge of operating system concepts and services
- Experience with embedded software development and verification

Miscellaneous Requirements

- Ability to communicate effectively in English and French (oral and written)
- Occasional travel required to customer sites (usually within North America)
- Possibility of assignment to customer site within the Montreal area
- Must be eligible to work in Canada

At MANNARINO, we believe that passion and a desire to learn is crucial. Diversity of thought and experiences leads to innovative solutions and creativity. This is why we would like to encourage all those interested to apply.

Please submit your application by
E-mail: rh@mss.ca