



CONTROL SYSTEMS ENGINEER/ANALYST

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 team work within a highly respectful, motivating atmosphere geared towards long-term business growth.

Career Opportunity and Primary Roles / Responsibilities

As a member of our team, the primary responsibility of the control systems engineer is in the definition of systems, hardware and software solutions for industrial gas turbine controls. Some of the activities related to the position include:

- Assessment of needs and definition of concepts
- Understanding hardware design and specifications
- Implementation and verification of codes
- Modeling and simulation
- Engine testing and internal technical support

Qualifications

- Bachelor's degree in mechanical, electrical, aerospace or closely related
- Previous experience in control systems engineering
- Member of the Quebec Order of Engineers (OIQ), or eligible to become one
- Very good command of English language, written and spoken
- Intermediate level of French, written and spoken

Technical Skills

- Experience related to control system hardware and/or software development
- Experience producing / executing validation and verification plans and testing scripts
- Ability in structuring and solving complex problems
- Knowledge of gas turbine engine controls and the same interest in gas turbine technology, an asset
- Practical knowledge of methods and modeling tools for systems, such as MATLAB and Simulink, an asset
- Practical knowledge of scripting tools, such as Visual Basic and Python, considered an asset
- Practical knowledge of PLC programming tools (Allen-Bradley and Siemens) is considered an asset
- Practical knowledge of C / C ++
- Practical knowledge of the agile approach and work within SCRUM teams, an asset

Other skills

- Ability and willingness to learn new specialties
- Excellent time management skills
- Excellent written and oral communication skills
- Independent personality
- Effective management of stakeholders
- Engagement towards a culture of belonging
- Commitment to personal development and continuous improvement

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

*We are an equal opportunity employer.
All applicants will be held in strictest confidence.
Only those selected for interview will be contacted.*
