

C++ DESIGNER - MONTREAL

What defines a world leader? Experience in more than 60 countries, global industry and customer respect, and an international reputation in technology and innovation. As a global leader in the field of Air Traffic Control (ATC) and airport infrastructure; Intelcan designs, manufactures, and integrates Communication, Navigation, Surveillance and Air Traffic Management (CNS/ATM) products and solutions. Are you a dynamic team player willing to help us drive success in a fast-paced industry? If so, we want to hear from you.

Intelcan is seeking an independent self-starter to join its Montreal R&D Team. As an C++ Designer you will be responsible for designing and implementing software for data acquisition and communications products on different Linux platforms.

Duties and Responsibilities

- Architect the end to end solution between the embedded application and the server application for next generation air traffic surveillance products.
- Design the TCP/IP communication, the SNMP agent.
- Create the user interface and implement the required database engines..
- Contribute to and follow life-cycle software development processes including requirement traceability, and configuration management processes.
- Work closely with hardware and software development teams on the integration, delivery and support of the products.
- Participate in the writing of technical documents (functional specifications, design documents)

Qualifications and Requirements

- Computer Science / Engineering degree or equivalent with a minimum 5 years work experience
- Strong C/C++ programming skills (Object Oriented design)
- Strong user interface design expertise, using QT development tools
- Uses initiative to generate engineering requirements, identify and resolve problems/issues.
- Use of light-weight software development process and knowledge of software lifecycle
- Ability to implement, manage and use version control tools such as GIT, CVS, or Subversion
- Good experience in networking and communication protocols (TCP/IP, UDP, SNMP, etc...)
- Development background in the aviation industry is great plus.
- Experience on testing and following test procedures
- Excellent oral and written communication skills with resourceful problem solving abilities
- Self-motivated to work independently with strong tendencies to be a dynamic team player
- Ability to express verbal and written technical and business issues clearly
- Ability to work in a dynamic environment
- Positive attitude, results oriented, highly motivated and reliable
- Must be able to pass and maintain a security clearance

We thank all applicants; however only those selected for an interview will be contacted.