SOFTWARE DEVELOPER

Are you interested in joining an organization that:

- Plays a significant role in global airspace safety?
- Has over 35 years of experience providing industry leading Air Traffic Control (ATC) simulation training systems and state-of-the-art Air Traffic Management (ATM) solutions?
- Offers a job-related training tuition reimbursement program and access to various professional development opportunities?
- Has work/life balance programs in place and offers a holistic benefits package that is fully customizable based on your specific needs?

If this sounds interesting, continue reading about our job opportunity below.

Position Summary:

Adacel is looking for **a C/C++/QT (Motif/X-Windows knowledge desirable) Software Developer** with a strong mathematical background to design, develop, and test software enhancements within the Adacel Air Traffic Management product lines.

Essential Duties and Responsibilities:

- Designs, develops, tests, and implements complex software solutions for Adacel's Air Traffic.
- Manages operational products using C/C++/QT (Motif/X-Windows) in a Linux operating system environment.
- Develops and maintains technical documentation related to software functionality.
- Participates in software unit testing automation.
- Works with the Product Management team and Subject Matter Experts to identify and clarify requirements.
- Assists in "Tier 3" Engineering support resolve defects in fielded systems.
- Optimizes Engineering processes by recommending improvements to policies and procedures.
- Communicates effectively with team members, clients, and other stakeholders.
- Performs other duties as assigned by Supervisor.

Qualifications:

Required

- Bachelor's degree in computer science, Software Engineering, or related field with relevant experience.
- Mathematical background in Linear Algebra, 3D Geometry and Trigonometry.
- 5+ years of Software Development experience.
- Ability to work within a Linux environment.
- Proficiency with software architecture and design methodologies.
- Proficiency with C/C++/QT procedural and object-oriented programming languages and libraries.
- Knowledge of the AGILE methodology.
- Knowledge of Microsoft Office products such as Word, Excel, PowerPoint, and Outlook.
- Strong problem solving and critical thinking skills.
- Excellent written and verbal communication skills in English and French due to the need of communicating and delivering of technical material to international clients.

Desired

- Knowledge of domain-specific topics (Air Traffic Management topics, etc.).
- XT/Motif programming languages experience.
- Linux debugging tool experience.
- Google Test experience.

Other Qualifications:

- Ability to adhere to Adacel's Drug Free Workplace Policy.
- Ability to pass an Adacel background check while employed.
- Must be able to pass a security background check (if requested).

Physical Requirements:

- Occasional lifting – up to 50 lbs.
- Repetitive wrist, hand, and finger movement.

Work Environment:

- Location: Montreal, Quebec
- Job Status: Full Time or Part Time
- Hybrid teleworking environment
- Alternative work schedules (9/80 with every other Friday off)
- Frequent airline and car travel
- Typically sitting at a desk

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Benefits:

- Up to 26 three-day weekends annually with 9/80 schedule.
- Four weeks of vacation
- Company RRSP, SPSP (employer contribution), and TFSA
- Full (100%) employer-paid insurance program from day one of employment.

How to Apply:

- You may apply by emailing your resumé to careers@adacel.com
- Include the position title in the subject line of your message.

Disclaimer:

Adacel is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, and protected veteran status.

This job description reflects management's assignment of essential duties and responsibilities. It does not restrict the duties and responsibilities that may be assigned. Reasonable accommodations may be made to enable individuals with disabilities to perform essential duties and responsibilities. If this job has a travel requirement, note that the frequency of travel may increase at any time due to adjustments in Adacel's business needs.