

## **Programmer Analyst / Developer**

*(The position is located in Montreal, Canada)*

### **Position Summary:**

The C ++ Programmer Analyst uses advanced, object-oriented skills and knowledge with strong communication skills to develop and support critical applications for trading and surveillance. Application development activities are performed throughout a project's lifecycle, including production deployment and maintenance.

### **Position Duties:**

- Develop and implement real-time, high-performance, highly available and supportable trading applications.
- Maintain critical libraries for the development team in the design of the application software for the enterprise
- Contribute to the integral and detailed design and development of multi-tiered applications that interface with distributed external systems and customers.
- Collaborate with the Development Manager and Project Managers to understand the requirements, architecture, design, schedule and overall solution.
- Conduct and participate in code reviews, identify coding and performance issues, comment and correct online documentation, and assess code compliance with established enterprise standards.
- Provide second level support as needed.
- Create and maintain technical, operational, and procedural documentation for the development team, users and technical support staff.

### **Education and Experience:**

- University degree in Information Technology or equivalent education and professional experience
- Strong skills and experience in designing and developing real-time business applications
- Bilingual, French and English, spoken and written

Minimum of 3 years of practical experience:

- C ++ programming language
- Perl scripting language
- Analysis and programming of multi-tasking and distributed systems for Unix / Linux and Windows operating systems
- Network libraries - TCP and UDP
- Unified Modeling Language (UML)
- Development of Windows GUI (Borland)

### **Assets**

- Knowledge of trading and surveillance systems.
- Ability to work in a flexible environment and interest in continuous process improvement
- Ability to lead other developers and provide support to the development manager
- Sense of organization, focus, persistence and ability to work according to established plan and deadlines
- Excellent interpersonal skills and strong oral and written communication skills
- Ability to simultaneously manage multiple tasks and deadlines
- Excellent imagination and creativity in developing solutions