



### **Position: Senior Software Architect**

The Vortex team is seeking a Senior Software Architect to join our simulation toolkit group. The individual will be responsible for architecture and design of a real-time 3d simulation platform and participate in all aspects of the product road-map preparation, software design, review and implementation. Candidates must have good oral and written communications skills and work well in a team environment.

#### Qualifications

- B.Sc. or M.Sc. in Computer Science or Software Engineering
- Expert in C++, OO architecture and design, STL and Boost
- 10 years of experience in developing commercial end-user applications in a Windows or Linux environment
- Proven track-record of implementing formal software development methods
- At least 4 years in a lead developer role
- Strong knowledge of design patterns, UML
- Real-time computing, algorithm optimization and parallel computing experience is desirable

#### About Vortex ([www.vxsim.com](http://www.vxsim.com))

Based in Old Montreal, Vortex develops software and provides services for the 3D visual simulation industry. Vortex is the leading development platform for real-time modeling of physics-based vehicles, machines and robots. Vortex is used by applications developers to build physically accurate motion models and interactive behaviors for demanding industrial and defense applications such as training, virtual testing, mission planning and visualization.

We provide competitive salaries and an employee group benefits package.

Please send applications to [hr@vxsim.com](mailto:hr@vxsim.com)