



C++ Software Developer

Join a fast growing team of talented engineers building immersive virtual environments for the world's leading manufacturers and training organizations. The Vortex team is seeking C++ Software Developers to join our visual simulation applications team. The individual will be responsible for software development of simulation, visualization and animation modules using as a base internal tools. Candidates must have good oral and written communications skills and work well in a team environment. Responsibilities include the design, development, testing and documentation of the application and continuous QA process implementation. Vortex simulators are used for training operators in different domains such as heavy equipment (cranes), remotely operated vehicle/robots (submarine, explosive disposal), and ground vehicle operations.

Qualifications

- B.Sc. in Computer Science, software engineering, or equivalent experience
- 3-10 years of experience in developing commercial end-user applications in a MS Windows environment
- Expert in C++, Visual Studio & STL
- Strong object oriented modeling background: OO Analysis and Design
- Familiar with Design Patterns & UML
- Experience working on animation applications
- Strong understanding of computer graphics and scene graphs such as OSG
- Strong experience with software life cycle methodologies
- Strong sense of responsibility & commitment
- Familiarity with scripting (Python, Lua) & profiler tools
- Experience with basic electrical schematics (wiring) is an asset
- Oral & written bilingual (French & English)

About Vortex (www.vxsim.com)

Based in Old Montreal, CM Labs 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