



3D Graphics Software Developer

Join a team of talented developers building computer graphics for immersive virtual environments for the world's leading manufacturers and training organizations. The Vortex team is seeking a 3D Graphics Software Developer to join our visual-simulation applications team. The individual will be responsible for software development of visualization and animation modules within an interactive, virtual world building and planning application as well as for our simulator technology. 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.

Qualifications

- B.Sc. in Computer Science or related engineering field
- At least 5 years of experience in developing commercial animation / 3D graphics applications
- Strong understanding of computer graphics, 3D graphics APIs such as OpenGL and Direct3D, and scene graphs such as OpenSceneGraph
- Expert in C++ programming experience, Visual Studio and STL
- Demonstrated competency and enthusiasm for application performance, characterization, and optimization.
- Strong object oriented modelling background: OO Analysis and Design
- Familiar with Design Patterns, UML
- Strong sense of responsibility and commitment
- Familiarity with scripting (Python, Lua) and profiler tools
- Cross-platform development (Windows, Linux)
- 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