



Dynamics Designer Internship

The Vortex team is seeking a Dynamics Designer interns to join its simulation R&D Team. The individual will be responsible for creating dynamics models of various vehicles, cranes, and other mechanical systems using a graphical tool being developed at CM Labs. Work will include setting physical parameters, testing the models and doing some basic validation.

These simulations are used for training operators in different domains such as heavy equipment (cranes), remotely operated vehicle/robots (submarine, explosive disposal), etc.

Qualifications

- Mechanical engineering student or similar experience
- Last year BSc or MSc
- Interest in working on animation applications
- Understanding of computer graphics and scene graphs such as OSG
- 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.

Please send applications to hr@vxsim.com