



Senior C++ developer on Unix platform Image Generator

CYSCA TECHNOLOGIES is a dynamic consulting firm that offers a variety of engineering, system, software development and electronics design services. Our fields of application are as diverse as transportation, aerospace, robotics, artificial intelligence, security, mining, refrigeration, packaging and lighting. Our team is made up of more than 60 professionals dedicated to project development and designing high-tech products.

We are looking for a talented candidate in software development who is ready to take on new challenges and can take on many responsibilities in a growing business. The candidate will participate, within an agile team, in the development of projects of simulation software with code in C ++ on UNIX platform, for IGs (Image Generators).

Your responsibilities:

- Responsible for developing server software solutions for visual systems.
- Expert of the team in terms of visual technologies and image generation in a real time environment
- Help with setting up a development team
- Contribute to the establishment of visual technologies.
- Improve existing or developing interfaces.

The requirements:

- Engineering degree in computer science, software or equivalent.
- Minimum of (5) five years of experience in C ++ IG (Image Generator) development, programming in Windows and Linux;
- Excellent aptitude for analysis, problem solving and decision making.
- Experience in the field of simulation, including a minimum of 2 years in the development of IGs (Image Generators);
- Experience in the Visual Studio Windows Developer Tool;
- Knowledge of OpenGL and OpenGL Shading Language;

- Interest or experience with the Agile method an asset;
- Competent in both English and French (spoken and written). •

Additional qualification desirable

- Experience in Pattern Design
- NVIDIA's NSIGHT graphic experience
- Knowledge of Concurrency Visualizer
- Experience in understanding and formalizing software requirements;
- Ability to work in an environment using CMMI (or equivalent) software development processes.
- Experience in Aviation Simulation Industry

This is a full-time permanent position with benefits, competitive salaries, flexible hours and group insurance. Possibility of working in our offices in Montreal or remotely across Canada.

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