JOB ID: 00002

Software Developer

Employment Basis: **Summer Job**
Location: **Montreal Area**

VIRMED Simulation a developer of virtual simulation technology for medical applications is looking for a Summer time student that will be working for the period of 4 months from **May - September 2011** and be returning to school. We are interested in individuals that are interested in the field and are fast learners and self-dependent.

We provide very flexible work hours. work will be done remotely from your residence via a provided laptop computer, development will be checked into a central repository over a network. You are expected to work well with others, be hard working and have a good reasoning and analytical skills.

We require the individual be enrolled in a computer science, Engineering and have some background in software development. Having home based projects or samples will greatly help evaluate the candidate. The candidate must be able to communicate in English at a reasonable degree. Individual will be required to build, test, debug and possibly redesign existing code sections and logic.

- C++ programming using classes and inheritance.
- Knowledge of XML and Perl languages.
- Experience in C++ Software programming.
- Work independently with little supervision.
- Must be able to handle some level of cross discipline work.
- Have some familiarity with source code versioning tools.

The following are some of the areas of development that will be required from the individual:

- Create a scripting system for simulation in C++
    - XML based script or others read into a state machine.
    - Have trigger events.
- Read and process data from proprietary file formats.
- Implementation of algorithms, testing and conduct analysis.
- Work independently with little supervision.
- Graphic user interface development based on Qt for Windows
- Profile code and Optimization

If you are interested please forward your resume to mailto:jobs@virmedsim.com We look forward to working with you in the future.

Thanks.

VIRMED Simulation Technologies Inc

Wednesday, March 9, 2011