

## **Web and Database Developer**

**The Centre for Applied Genomics**

**The Hospital for Sick Children**

<b>Employment Type:</b>	Fixed Term Full-time (0.8 - 1.0 FTE)
<b>Hours of Work:</b>	35 hours per week (1.0 FTE), one year contract
<b>Department:</b>	Genetics & Genome Biology
<b>Available:</b>	Tuesday January 08, 2008
<b>Salary:</b>	Commensurate with experience

### **Description of Position:**

The successful candidate will be joining a bioinformatics team at The Centre for Applied Genomics as a Web & Database Developer, providing support for a variety of web-based scientific databases and large-scale genome-wide studies. Responsibilities may include, but are not limited to:

- Designing, developing, and maintaining web-based scientific database applications;
- Performing database programming and implementing proposed relational database schema;
- Writing scientific application codes for various data/sequence analyses.

Qualifications: Required Skills & Experience:

### **This position requires:**

- a minimum of three years programming experience, including:
- Web application development programming in HTML, Perl/CGI, PHP, XML, JavaScript, Java etc.;
- In-depth knowledge and experience in database design and programming using MySQL, PostgreSQL or other RDBMS;
- Knowledge and experience in one or more programming language, such as Perl, Python, Java, or C++ etc;
- Developing and deploying applications on a UNIX or Linux platform.

Desired Skills & Experience:

- Experience with object-oriented programming;
- Some experience with Linux system administration and/or Linux shell scripting.

### **Additional Qualifications:**

- Must possess the ability to work independently with little direct supervision in a multi-tasking environment;
- Must possess the willingness and ability to work in a team environment consisting of both programmers and scientists;
- Must have a cooperative and service-oriented attitude;
- Must possess excellent verbal and written communication skills.

Education/Training

- Bachelor's degree in the computer or biological sciences;
- Background in the biological sciences or bioinformatics is preferred.

**Submit resume to:**

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We thank you in advance for your interest. Only those applicants selected for an interview will be contacted.

In accordance with our Hospital policy, employment at SickKids would be conditional upon you providing the Hospital with satisfactory documentation of tuberculosis testing and your immunization status, and successful completion of a criminal background check.