



Job Posting

Job ID: 10587
Location: Vancouver - Point Grey Campus
Employment Group: Management&Professional (AAPS)
Job Category: Information Systems & Tech
Classification Title: Info.Sytems&Technlgy, Level B
Business Title: Web Programmer
Department: Human Early Learning Partnrshp
Salary: \$51,099.00 - \$61,343.00 (Annual)
Full/Part Time: Full-Time
Desired Start Date: 07/01/2011
Job End Date: 03/31/2012
Funding Type: Grant Funded
Closing Date: 08/13/2011 **Available Openings:** 1

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Job Summary

This position is in Population Data BC's Data Services Unit. Working with other members of Population Data BC, the incumbent will be responsible for the technical development and implementation of web based infrastructure for Population Data BC. The position will require strong web programming and database skills.

Organizational Status

Reports to Population Data BC's Lead, Data Services.

The candidate will be required to interact with the Lead of Privacy and Process, Lead of Communications, other members of the Data Services team, in addition to other Population Data BC staff. May be required to interact with end users of the software, including Data Stewards and researchers.

Work Performed

Translate user requirements to software requirements.

Maintain MySQL databases with schemas including over 100 tables supporting Django and PHP web applications.

Develop and implement new features for Django based web based infrastructure integrating with existing code. Requested new features include:

- Customizable web based reporting interface for the Application Tracking system;
- Automate metadata capture of data releases to researchers;
- Integration of Web/PDF forms for Data Access Requests and Researcher Data Request Checklists;
- Reporting project summaries;
- Researcher outputs capture and reporting;
- Additional data views appropriate for researcher's and data stewards;
- Enhanced search functionality.

Contribute to the maintenance of existing Django and PHP applications with over 400 files.

Other related duties as required.

Supervision Received

Normal work activities are determined in consultation with the Lead, Data Services. System requirements will be informed by the Lead, Privacy and Process and are carried out with little direct work supervision. The incumbent must be able to perform most duties independently. The incumbent must be able to identify circumstances that require consultation with other staff, and be able to seek out that consultation.

Supervision Given

None.

Consequence of Error/Judgement

Confidentiality: Employees of Population Data BC (PopData) always work under strict confidentiality because of the nature of the data stored here. PopData's core activities - database maintenance and access, research, support for external researchers - are all critically dependent on the information systems that have been developed and maintained by PopData. Any breach in data security would place the future of the organization at risk.

Complexity of Duties: This position requires a considerable degree of creativity, as tasks undertaken do not have standard solutions and must be approached as unique problems of logic. Care must be exercised in designing and performing tasks to avoid inappropriate assumptions.

Accuracy and Accountability: The accuracy of the candidate's work will always have a significant effect on the reliability of information released by PopData. Since little technical supervision will be provided, considerable care will be necessary in order to prevent inaccurate work resulting in release of erroneous information.

Qualifications

Undergraduate degree in a relevant discipline. University degree in Computer Science. Minimum of two years experience or the equivalent combination of education and experience. Experience developing and implementing websites using Django. Experience with MySQL database design and implementation. Experience, interpreting user requirements and translating them into web software. Ability to perform intermediate programming and be proficient in Django, Python and MySQL. is required. Experience with CSS, javascript, jquery, Drupal, PHP, PDF Forms and working on a Linux platform would be an asset. Ability to communicate effectively verbally and in writing. Effective organizational and interpersonal skills. Ability to analyze problems, identify key information and issues, and effectively resolve. Ability to work effectively independently and in a team environment. Ability to exercise initiative, judgment and discretion. Must have positive attitude and be a team player. Successful candidates must complete a criminal record check.

UBC hires on the basis of merit and is committed to employment equity. All qualified persons are encouraged to apply. UBC is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, persons of any sexual orientation or gender identity, and others who may contribute to the further diversification of ideas. Canadians and permanent residents of Canada will be given priority.