Manitoba Government Job Opportunities

Leaders in Training Program - Data Science Stream

P2 Professional Officer 2

Term/full-time
18 month Internship
Three (3) Positions

Manitoba Public Service Commission
Policy, Programs and Learning Branch

Winnipeg MB

Advertisement Number: 39787

Salary(s): P2 $55,869.00 - $67,350.00 per year

Closing Date: September 23, 2022

The Manitoba government recognizes the importance of building an exemplary public service reflective of the citizens it serves, where diverse abilities, backgrounds, cultures, identities, languages and perspectives drives a high standard of service and innovation. The Manitoba government supports equitable employment practices and promotes representation of designated groups (women, Indigenous people, persons with disabilities, visible minorities).

Employment Equity is a factor in selection for this competition. Consideration will be given to Indigenous people and persons with disabilities.

An eligibility list may be created for similar positions and will remain in effect until exhausted or expired based on operational requirements.

Introduction

The Data Science Internship Program is an 18-month paid internship program designed to connect data scientists to opportunities in policy and government. Hone your data skills while receiving mentorship and training in different government departments as part of three six-month rotations.

This unique opportunity places you at the intersection of science and policy, allowing you to put your data science skills to use to positively impact the lives of Manitobans.

What we offer:
• Be part of an unprecedented initiative to push the boundary of data use in government.
• Gain a wide breadth of experience through rotational placements in three government departments and contribute to a diverse range of projects.
• Gain access to diverse, value-added training opportunities.
• Use data to inform policies that make a real and positive difference in the lives of Manitobans.
• Work with diverse and unique data not available in any other sector.
• Work with an innovative and supportive data science team.

Click here for more information on the Leaders in Training Program - Data Science Stream.

To be considered for this competition you must submit the APPLICATION FORM
 and a RESUME. See below for further instructions.

Conditions of Employment:
- Must be legally entitled to work in Canada
- Some internship placements may require satisfactory security checks

Qualifications:
Essential:
- Graduate-level training in statistics, computer science, physics, mathematics, social sciences or related discipline (Master's degree or higher); an equivalent combination of related education and experience may be considered.
- Advanced experience using statistical software and programming languages, such as R, Python and/or SQL
- Experience working with large, complex datasets that require significant cleaning and management
- Knowledge of or experience with emerging advanced analytics techniques such as machine learning and predictive analytics
- Experience in experimental design and linear/non-linear statistical methods for univariate, multivariate, and latent variable modelling

- Ability to use the outcomes of data analytics to tell compelling stories and build consensus around research findings
- Ability to lead and work collaboratively in a team setting to complete complex projects
- Excellent problem-solving skills with the ability to render technical decisions and recommendations

Desired:
- Experience with GIS analysis
- Experience working with multiple statistical software and programming languages
- Ability to communicate verbally and in writing in French

To Apply for the Program:

Please click here to access the application form. To be considered for this competition you must submit an application form and a resume. Complete the application form at the link above or contact Human Resource Services under "Apply to" to request a copy of the application form.

The selection board will rely on information provided in this form to determine whether a candidate will be invited for further assessment.

Duties:
As a Data Science Intern, you will complete three six-month rotations in different government of Manitoba departments. Your first rotation will be with the Data Science Program in the Department of Labour, Consumer Protection and Government Services where you will work with senior data scientists to hone your skills through hands-on training and by working on advanced data analytics projects that influence policy with evidence-based recommendations.

Your second rotation will be with a new host department where you will apply your technical skills to solve high-priority issues in diverse areas ranging from Health to Social Services to the Environment. As a Data Science Intern, you will also receive access to diverse value-added training opportunities in skills and technologies that are sought-after by both the public and private sectors. The Data Science Internship program will give you the breadth of experience needed to succeed in a career in the public service and beyond.

Apply Now:
Advertisement # 39787
PSC-HRO
Human Resource Services
935-155 Carlton Street
Winnipeg MB, R3C 3H8
Phone: 204-945-2332
Fax: 204-945-1486
Email: pscjobs@gov.mb.ca

WHEN APPLYING TO THIS POSITION, PLEASE INDICATE THE ADVERTISEMENT NUMBER AND POSITION TITLE IN THE SUBJECT LINE AND/OR BODY OF YOUR EMAIL.

Applicants may request reasonable accommodation related to the materials or activities used throughout the selection process. When applying to this position, please indicate the advertisement number and position title in the subject line and/or body of your email. Your cover letter, resumé and/or application must clearly indicate how you meet the qualifications.

Please be advised that job competitions for represented positions may be grieved by internal represented applicants. Should a selection grievance be filed, information from the competition file will be provided to the grievor's representative. Personal information irrelevant to the grievance and other information protected under legislation will be redacted.

We thank all who apply and advise that only those selected for further consideration will be contacted.

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