



WISKI Database Administrator/Programmer
1 year contract w/ possible extension dependent of funding
With Quinte Conservation.
1 position

JOB SUMMARY

The incumbent of this position is responsible for ensuring back-end database up-time to maintain Conservation Authority Flood Forecasting and Warning data collection, analysis, and dissemination. Responsibilities will also include developing front-end application protocols for timeseries water resource data management needs.

The incumbent will assist in the technical development and implementation of a Water Information System Kisters (WISKI) database and related applications. The back-end database responsibilities include: ensuring that the database is online, secure and enabled with proper user permissions, as well as, developing web scraping tools, and alarms. Develop data collection and distribution applications including the development of graphical user interfaces and database connectivity tools. Develop data solutions which will make appropriate data available to our partners through web portals while ensuring the security of the data and protection of personal privacy. The database developments will support Conservation Authority programs such as Flood Forecasting and Warning and other Conservation Authority programs.

The incumbent of the position would also be responsible for training and communicating new developments with users as well as, providing documentation through an instructional guide.

QUALIFICATIONS

- A diploma/degree from a recognized college or university in Environmental Science, Water Resources, Computer Science, Software Engineering, database management, or related discipline, with 3-5 years direct, related work experience
- Experience with computer programming/scripting in Python, VBA, HTML, JSON & JavaScript
- Experience with database administration, relational databases and data manipulation with SQL
- Ability to determine user needs and develop solutions, ability to accept and integrate constructive feedback
- Ability to troubleshoot programming changes, errors, and subsequent modifications
- Strong environmental data analysis and computational skills
- Strong written and verbal communication skills, with both technical and non-technical personnel
- Ability to write concise and accurate technical documentation throughout database development projects
- Understanding of VPNs, firewalls, encryption, and other aspects of network security technology
- Experience with Microsoft SQL Server
- Able to work independently and as part of a team
- Effective project management skills
- Understanding of remote telemetry and data logging systems is an asset
- Experience with GIS is an asset
- Understanding of hydrometry, water quality and aquatic biology is an asset
- Experience with the Water Information Systems KISTERS (WISKI) software is an asset

- Understanding of Conservation Authority programs is an asset
- Valid drivers license

JOB DETAILS

This job is located at the Quinte Conservation office in Belleville and will require occasional travel. The pay range for this position is \$46,487 to \$54,690 annually/35 hours per week. This is a one year contract position with the possibility of extension. The start date for this position is July 2018.

HOW TO APPLY

Apply by email with your cover letter and resume to:

- Kathryn Di Donato, HR Specialist, kdidonato@quinteconservation.ca.
- Include "WISKI Database Administrator/Programmer" in the subject line of your email
- View our website for full job description www.quinteconservation.ca
- Application Deadline is June 24th 2018 @ 4:00pm

We thank all applicants for their interest. However, only those selected for an interview will be contacted. If you are interested in applying for both the WISKI Data Management Analyst and WISKI Database Administrator/Programmer positions, please indicate so in your cover letter.:

Quinte Conservation is proud to provide employment accommodation during the recruitment process. Should you require any accommodation, please indicate this on your application and we will work with you to meet your accessibility needs. For any questions, suggestions or required documents regarding accessibility in a different format, please contact us at 613-968-3434, 613-354-3312 or kdidonato@quinteconservation.ca.

