Waterloo Region
District School Board

Temporary Senior Programmer Analyst (I)
Information Technology Service

Applications from employees from within the Board as well as external applicants will be accepted. However, applicants will be considered in the following order:

1) Qualified permanent ESS/OSSTF Bargaining Unit employees.
2) Qualified probationary and Temporary Hourly Rated (THR) ESS/OSSTF employees.
3) Qualified external applicants (includes employees from other Bargaining Units).

Reporting to the Supervisor of Client Support within Information Technology Services, the successful candidate will be responsible for providing technology support for the Board's data warehouse and data collection initiatives. This work will assist in enhancing the quality of, access to and use of evidence-based decision making data to optimize student learning and achievement.

The successful applicant for this temporary Educational Support Staff position, Level I, will be **working 35 hours per week, 12 months per year, commencing September 1, 2018 to August 31, 2019.**

Responsibilities

- System administrator of (but not limited to) Microsoft SQL Server and Reporting Services environments including configuration, maintenance, performance tuning and optimization;

- Work with a reporting and research team and various stakeholder groups in the design of high quality reports, spreadsheets, or data extracts to access correlated data;

- Create, test and implement data extracts and reports using Cognos BI tools and Microsoft Excel against a SQL Server and Oracle environments;

- Using appropriate database tools, perform updates to tables and stored procedures in the data warehouse and data collection databases as required;

- Maintains/updates business intelligence tools, databases, dashboards, systems, and methods and assists with ongoing systems and process improvement initiatives to ensure efficient data collection ETL processes and reporting capability;

- Research and recommend appropriate application and database solutions, products or technology;

- Ensure code meets software standards and engage in QA related activities;

- Create documentation to support such systems;

- Provide related training to other support staff on application and/or procedures;

- Manage or coordinate large IT projects or initiatives;

- Lead in streamlining and reengineering of the Board's business processes by observing, analyzing and presenting computer solutions to business problems;

- Regularly work with vendors to effectively represent the software requirements of the Board;

- Work cooperatively as a member and subject area expert of the ITS team to fulfill the mandate and goals of the department;

- Other duties as assigned.

Qualifications
- University degree in Computer Science or Applied Mathematics with a minimum of five years of experience in systems development is

required. Will consider candidates with a three year community college diploma as Computer Programmer/Analyst (or equivalent) with a minimum of seven years of related experience;

- Experience with Trillium Student Information System– including both an understanding of underlying data and table structure and familiarity with the end-user interface would be an asset;

- Experience with Oracle database management system;

- Experience with ORACLE Development tools (SQL Plus, Oracle Forms & Reports);

- Required proficiency with Microsoft SQL Server, MS Reporting Services and Visual Studio;

- Experience with formal systems development methodology in the complete lifecycle of systems (design through to implementation and upgrades) is required;

- Experience with scorecards, databases, KPIs, trend analysis and other visual analytics;

- Knowledge of data science and business intelligence (BI) tools considered an asset. (IBM® Cognos® Business Intelligence, IBM SPSS® Modeler, IBM Watson Analytics™);

- Demonstrated analytical and problem-solving skills with the ability to make sound decisions when giving advice or making recommendations;

- Well developed interpersonal and communication skills, including the ability to deal pleasantly and tactfully with non-technical staff, and to successfully explain technical issues to a broad range of persons;

- Demonstrated excellent time and project management skills including the ability to work independently and treat staff and student data with confidentiality;

- Demonstrated ability to show initiative along with a well-developed sense of customer service including ability to deal tactfully with many users in stressful situations.

Candidates are asked to submit a covering letter and resume via e-mail to resumes@wrdsb.ca, quoting posting #2558367 – Temporary Senior Programmer Analyst in the title of the e-mail, no later than 3:00 p.m. on Wednesday, June 27, 2018.

The WRDSB is committed to equity for all students and staff, and to delivering the highest quality education through a qualified workforce that reflects the diversity of the communities we serve.

Upon request, we will provide reasonable accommodations in the hiring process to support applicants with disabilities.

While we appreciate all applications, only those selected for an interview will be contacted. **No phone calls please.**