



PROGRAMMER ANALYST

COMPETITION: #21100-211008

STATUS: Temporary full-time until August 2021 (assignment may be extended or reduced for operational reasons or due to circumstances that could not be foreseen at the time of posting)

SECTION: Information & Communication Technology

HOURS OF WORK: Tuesday to Friday, 8:00 a.m. to 5:00 p.m.

SALARY: Pay Grade 26 - \$39.56 to \$46.75 per hour (2019 rates)

COMPETITION END DATE: Friday, October 15, 2021

Responsible for analyzing existing and proposed systems and procedures, and designing and developing complex programs or segments of programs to solve identified user problems.

ESSENTIAL DUTIES

- Develop new software applications in various programming languages
- Upgrade and fix problems in existing applications, including troubleshooting and debugging
- Obtain specifications and requirements, and recommending and designing application solutions
- Develop test plans and prepare test data to perform program testing, debugging, and troubleshooting of errors
- Assist users during testing and provide end-user support
- Look at ways of upgrading and improving existing applications by adding new functionality and fixing deficiencies
- Assist technical staff by applying patches and service packs to existing applications
- Maintain and enhance existing applications
- Provide technical advice and/or training to co-workers and end users relating to information technology
- Prepare, maintain, and update technical documentation and user manuals, including effective comments and documentation within code
- Act as a technical resource person in regards to software development
- Research and recommend possible developmental tools, new technologies, and new methodologies
- Perform technical and financial analysis of new technologies and recommends standards, architectures, and policies related to software development
- Analyze existing technologies and limitations of business processes or services, and assists in implementing any new changes
- Other related duties and responsibilities as assigned

KNOWLEDGE, SKILLS, AND ABILITIES

Required:

- Ability to establish and maintain effective working relationships in a team environment
- Knowledge and experience with requirements gathering techniques, logical data and process modeling, workflow modeling, software development life cycle, problem definition and solution techniques, business applications/application development tools/technologies (including SQL, ASP, Visual Basic, Java, .NET, C#, XML, SQL Server, SQL Server Reporting Services - SSRS, Internet Information Services - IIS, Tomcat, Windows OS), software design, system integration, relational databases including design concepts, network concepts, object-oriented environment, client-server architecture, N-Tier architecture, and computational algorithms and optimization
- Proficient using the following software development tools and technology: .NET (MVC and Web Forms), C#, LINQ, JQuery, Visual Studio development, HTML5, CSS3, and JavaScript, SQL programming (T-SQL), MS SQL Server Reporting Services, and MS SQL Server, Java, JSP, and IntelliJ IDEA development
- Working knowledge of AJAX, ASP, VB, VBScript, IIS and Tomcat



Preferred:

- Working knowledge using MS Project, MS Sharepoint, MS Oracle, Flash, Adobe Photoshop, Adobe Acrobat, AJAX, XML, XSL, Perl, Shell Scripting, HTML5, Oracle, Dreamweaver, Contribute, and IIS

EXPERIENCE

- Minimum three years working as a programmer analyst or software engineer (intermediate level)

EDUCATION

- Bachelor of science in computer science or in a related field with a significant programming component OR
- Completion of a Computer Systems Technologies diploma at a technical institute with a minimum of three years of relevant and related experience OR
- An equivalent combination of education and training experience

OTHER REQUIREMENTS

- All employees must maintain their enhanced security clearance while employed with the Vancouver Police Department, which will be renewed every five years or as required

Selection Process: Candidates will be required to take a written test. A minimum 70% passing mark is needed to move forward to the interview. Marks will be based on a 60% test and 40% interview.

NOTE: *This position falls under the jurisdiction of Teamsters Local 31.*

Applicants should submit a cover letter and resume via email to vpd.civilian.jobs@vpd.ca by 4:30 p.m. on the closing date. **The competition number must be indicated in the subject line of the email.**