



Indigenous.Link

Canada's fastest growing Indigenous career portal, Careers.Indigenous.Link is pleased to introduce a new approach to job searching for Indigenous Job Seekers of Canada. Careers.Indigenous.Link brings simplicity, value, and functionality to the world of Canadian online job boards.

Through our partnership with Indigenous.Links Diversity Recruitment Program, we post jobs for Canada's largest corporations and government departments. With our vertical job search engine technology, Indigenous Job Seekers can search thousands of Indigenous-specific jobs in just about every industry, city, province and postal code.

Careers.Indigenous.Link offers the hottest job listings from some of the nation's top employers, and we will continue to add services and enhance functionality ensuring a more effective job search. For example, during a search, job seekers have the ability to roll over any job listing and read a brief description of the position to determine if the job is exactly what they're searching for. This practical feature allows job seekers to only research jobs relevant to their search. By including elements like this, Careers.Indigenous.Link can help reduce the time it takes to find and apply for the best, available jobs.

The team behind Indigenous.Link is dedicated to connecting Indigenous Peoples of Canada with great jobs along with the most time and cost-effective, career-advancing resources. It is our mission to develop and maintain a website where people can go to work!

Contact us to find out more about how to become a Site Sponsor.

Corporate Headquarters:
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Job Board Posting



Careers.Indigenous.Link

Date Printed: 2022/08/07

IT Software Developer

Job ID	22-968-08-052-3588	
Web Address	https://careers.indigenous.link/viewjob?jobname=22-968-08-052-3588	
Company	CSIS	
Location	Ottawa, Ontario	
Date Posted	From: 2022-04-18	To: 2050-01-01
Job	Type: Full-time	Category: Public Administration

Description

Closing Date 2022-09-14
Reference Number 22-968-08-052

Job Category Experienced

Who Can Apply Canadian Citizens

Location Ottawa, Ontario
Salary Range \$73,970 - \$89,970
\$84,050 - \$102,250

Allowance This position is eligible for the Technology Market Modifier, which is valued at 7% of the basic annual salary. This brings the total compensation range to \$79,142 - \$96,268 and \$89,934 - \$109,408

Status Indeterminate (permanent) or Term
Language Requirement Various

Job Summary

Welcome to the first step in creating your opportunity of working with a group of enthusiastic professionals and leading edge technology where the challenges never cease! We are passionate about technology, career growth, and enjoy the challenge of a fast-paced work environment, where learning from experiences and thinking outside the box is applauded on our journey to master our craft. We emphasize team spirit and the building of partnerships around the world in order to provide Canadian branded solutions where they are needed, and to learn from global perspectives and methodologies. We don't just work with partners throughout our building, we work with the world. Our specific development shop is responsible for the creation of innovative solutions that enable technical investigations authorized by a federal court warrant. We are renowned for achieving the impossible and for enabling technical vision and work in areas such as innovative capability creation, reverse engineering, and software test automation. It's not easy trying to accomplish the impossible each day, but if you...

- Have a solid technical background,
- Have a need to create high impact solutions,
- Enjoy the freedom to try new things, and
- Desire an ever-growing sense of purpose... You're in the right place! What We Offer
- Ownership - of your project, your part of a project, the risks and the rewards.
- Applause when things go wrong for the right reasons.
- Opportunity to master your craft.
- Partnerships with everyone on the team including senior management.
- Most importantly, purpose in everything that you will do.

What You Will Do

- Support us by being part of the constant improvements taking place with our cultural values that embrace diversity, team spirit, collaboration and working hard each day to keep all our families, friends and fellow Canadians safe (Counter Terrorism) and prosperous (Counter Intelligence).
- Work directly with intelligence professionals to fully understand their needs and how they conduct technical investigations in order to build new features and/or applications that shape the direction of R&D.
- Interact with others who have a similar role at other departments around the world in order to exchange capabilities, new ideas and best practice methodologies.
- Write structured, tested, readable and maintainable code.
- Participate in an Agile environment.
- Support your teammates by continuing to learn and grow as you master your craft
- Plan and guide development activities.
- Mentor and collaborate with team members.
- Design and implement systems, software and infrastructure to meet project requirements.
- Identify evolving business requirements and plan future technical capabilities.
- Design detailed technical specifications.

- Stay abreast of trends and best practices in software system design.
- Support existing applications by resolving problems and implementing enhancements.

What You Will Bring

- Your exceptional problem-solving skills.
- Top-notch communication skills.
- A mission-oriented mindset and a desire to never stop learning.
- Recent experience completing the analysis of client or business requirements and providing estimates (time and cost) as part of delivery plans of technical solutions.
- Recent experience contributing to technical design of software systems.
- Recent experience troubleshooting technical issues and supporting components of an IT environment.
- Recent experience in software or web development using one or more of the following: Python, Perl, Java, C#, C, C++, Swift, Assembler, Bash or Shell, HTML, ASP, JSP.

Education

- Undergraduate or Master's Degree in Computer Science or Engineering, with a software or network/computer security focus.
- A technologist diploma or a Professional technologist equivalency designation with a software or network/computer security focus may be accepted.
- A combination of education, training and experience in technology may also be accepted.

The educational program needs to be from an accredited learning institution recognized in Canada. If you completed a program outside of Canada, no problem we will work with you to obtain the required proof of Canadian equivalency. Note: Any higher level of education could be recognized as experience.

Experience

Undergraduate or Master's degree in a related field and three (3) years of related experience for all streams.

- Underfill - one (1) year of related experience.

Technologist diploma or Professional technologist equivalency designation and four (4) years of related experience for all streams.

- Underfill - two (2) years of related experience.

Related experience is defined as recent* and significant** experience. Relevant experience is defined as;

- Three (3) years of experience in leading or executing design and development activities within the last five (5) years (senior level)

And / OR

- Two (2) years of experience performing software development in a coding or designing capacity within the last five (5) years (intermediate level)

Assets Networking:

- Experience with network packet analysis (e.g. Wireshark)
- Knowledge of internet protocols and communication technology (TCP/IP, UDP, IPv4, IPv6, etc.)
- Experience designing and configuring networks and devices (routers, switches, etc.)
- Knowledge of internet architecture (domain names, DNS, user agents)
- Knowledge of web protocols (HTTP, HTTPS, REST APIs)

Servers:

- Experience with Linux environments and Bash scripting (Ubuntu, Mint, Debian, Fedora, etc.)
- Experience with Windows Server
- Software development, testing, and/or troubleshooting:
- Experience with Virtual Machine (VM) technology
- Experience troubleshooting software and/or hardware issues by analyzing log data
- Experience in Linux/Unix programming
- Mobile (Android/iOS) development experience is considered an asset

IT Security:

- Knowledge of anonymization technologies (Virtual Private Network (VPN), Tails, Tor browser)
- Knowledge of encryption technologies (SSL, RSA, AES, etc.)
- Knowledge of PSP technology (Avast, Kaspersky, etc.)

Operating Systems:

- Experience with mobile OS: Android / iOS (iPhones, iPads, etc.)
- Experience with the Windows environment (7, 8, 10), Mac OSX

Telecommunications:

- Knowledge of telecommunication network technologies (LTE/VoLTE, ADSL/Cable, Wi-Fi)
- Knowledge / experience in subscriber information (ICCID, IMEI, IMSI, etc.)

To present the best you possible, please ensure that you include in your cover letter information that supports and aligns with the "What You Will Bring" and "Assets" sections above

Competencies

- Innovation/Creativity/Ingenuity
- Adaptability/Flexibility
- Communication
- Problem Solving
- Collaboration

Conditions of Employment
Not Applicable

Notes

Various language requirements:

- English Essential
- Bilingual non-imperative (BBB/BBB)

Note: For bilingual non-imperative positions, offers will be conditional upon meeting the linguistic requirements within two (2) years of appointment. A written examination will be administered as a screening tool in order to assess the candidates' relevant technical knowledge. Some relocation expenses may be reimbursed. Working remotely on unclassified R&D is possible for some of our positions. While we continue to explore opportunities for flexible work arrangements, the majority of work in our organization must be done in the office and cannot be performed at home. We are a family first organisation that stresses the importance of work/life balance. There is the ability to move through various positions throughout your career and opportunities to travel when working with partners to create solutions that benefit the Intelligence Community.

Reference Links

Security Requirements

Candidates must be eligible to receive an Enhanced Top Secret security clearance. The process involves a security interview, a polygraph, and a background investigation that includes credit and financial verifications. The use of illegal drugs is a criminal offense. Drug use is an important factor considered in your reliability and suitability assessment during the selection process. Therefore it is important not to use any illegal drugs from the time you submit your application.

Others

We thank all applicants for their interest in CSIS. However, only those who are selected for further consideration will be contacted.

For more information, visit [CSIS for IT Software Developer](#)