



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:

Toll Free Phone: (866) 225-9067

Toll Free Fax: (877) 825-7564

L9 P23 R4074 HWY 596 - Box 109

Keewatin, ON P0X 1C0

Job Board Posting



Careers.Indigenous.Link

Date Printed: 2024/04/29

Control System & Instrumentation Specialist/Specialiste Des Systemes De Commande & Des Instruments

Job ID	E4-52-FE-08-E2-BC	
Web Address	https://careers.indigenous.link/viewjob?jobname=E4-52-FE-08-E2-BC	
Company	National Research Council Canada	
Location	Ottawa, Ontario	
Date Posted	From: 2023-05-15	To: 2023-06-12
Job	Type: Various	Category: Engineering
Job Salary	From \$87,748 To \$103,651 Per Annum.	
Languages	English	

Description

Help bring research to life and drive your career forward with the National Research Council of Canada (NRC), Canada's largest research and technology organization.

We are looking for two (2) Control System and Instrumentation Specialists to support the Gas Turbine Laboratory (GTL) for the Aerospace Research Centre (ARC). One position will be filled as part of the Altitude Research Facility (ARF) Group while the second position will be for the Combustion Research Facility (CRF) Group. The selected candidates would be those who share our core values of Integrity, Excellence, Respect and Creativity.

These positions require individuals that can perform under pressure, have critical problem-solving skills and good awareness of task prioritization and process optimization. The individuals must also possess the necessary technical skills and knowledge required to operate and maintain a state-of-the-art industrial environment.

The Control System and Instrumentation Specialists will be specifically responsible to design, develop, and implement data acquisition and control systems associated with test facilities.

Contribuez à la réalisation de travaux de recherche stratégiques et poursuivez une carrière prometteuse au Conseil national de recherches du Canada (CNRC), la plus grande organisation de recherche et de technologie au Canada. Nous souhaitons embaucher deux (2) personnes pour occuper le poste de Spécialiste principal des systèmes de commande et des instruments en vue d'appuyer le Laboratoire des turbines à gaz pour le Centre de recherche en aérospatiale. Un poste sera pourvu dans le groupe Installation de recherche et d'essais en altitude et l'autre, dans le groupe Installation de recherche sur la combustion. Les personnes choisies doivent partager nos valeurs fondamentales relatives à l'intégrité, à l'excellence, au respect et à la créativité.

Ces postes requièrent des personnes capables de travailler sous pression et de résoudre des problèmes critiques et possédant une bonne connaissance de la hiérarchisation des tâches et de l'optimisation des processus. Les personnes doivent également posséder les compétences techniques et les connaissances nécessaires pour exploiter et maintenir un environnement industriel de pointe.

Les spécialistes des systèmes de commande et des instruments seront expressément chargés de concevoir, mettre au point et mettre en œuvre des systèmes d'acquisition de données et de commande associés aux installations d'essai.

Experience

Extensive experience in the application of technical principles, state-of-the-art technologies and best practices for design, development, and implementation of automation controls programming, data acquisition and control system troubleshooting;

Extensive experience in programming and using LabVIEW® in an industrial or research laboratory settings, including real-time and high-speed data acquisition and control, as well as intuitive Human Machine Interface (HMI) creation;

Extensive experience in implementing and managing process control changes;

Extensive hands-on experience in installation, calibration, maintenance and troubleshooting of measuring devices using hand tools and precision instruments.

Vaste experience de l'application des principes techniques, des technologies de pointe et des pratiques exemplaires pour la conception, la mise au point et la mise en oeuvre de la programmation des commandes d'automatisation et du depannage des systemes d'acquisition de donnees et de commande;

Vaste experience de la programmation et de l'utilisation de LabVIEW® dans un contexte industriel ou un laboratoire de recherche, y compris l'acquisition de donnees et la commande en temps reel et a grande vitesse, ainsi que de la creation d'interfaces personne machine intuitives;

Vaste experience de la mise en oeuvre et de la gestion des modifications de la commande de processus;

Vaste experience pratique de l'installation, de l'etalonnage, de l'entretien et du depannage d'appareils de mesure a l'aide d'outils manuels et d'instruments de precision.

Credentials

Advanced knowledge of LabVIEW® to program new VIs (Virtual Instruments) and modify existing VIs that support complex research and test programs for aerospace and industrial technologies;

Advanced knowledge in installation of hardware, configuration, troubleshooting and maintenance of complex-high-channel-count data acquisition and control systems such as PXI, NI® CompactDAQ, Ethernet-enabled I/O devices for process controls as well as communication converters and protocols;

Advanced knowledge in instrumentation, sensors, transmitters, signal conditioners, transducers, data acquisition hardware for the measurement and recording of process variables including, but not limited to temperature, pressure, flow, vibration, strain; including the required calibration standards and procedures for such measurements.

Connaissance approfondie de LabVIEW® pour programmer de nouveaux instruments virtuels et modifier les instruments virtuels existants qui soutiennent des programmes complexes de recherche et d'essai pour les technologies aerospaciales et industrielles;

Connaissance approfondie de l'installation de materiel, de la configuration, du depannage et de l'entretien de systemes complexes d'acquisition de donnees et de commande a grand nombre de voies, tels que PXI, NI® CompactDAQ, des dispositifs d'entree sortie Ethernet pour les commandes de processus ainsi que convertisseurs et protocoles de communication;

Connaissance approfondie des instruments, des capteurs, des transmetteurs, des conditionneurs de signal, des transducteurs et du materiel d'acquisition de donnees pour la mesure et l'enregistrement des variables de processus, notamment mais non limite a la temperature, la pression, le debit, les vibrations et la deformation, y compris les normes et procedures d'etalonnage requises pour de telles mesures.

Education Requirements

A Bachelor's degree in Electrical, Automation, or Process Control Engineering or similar. A 3-year College diploma in electrical engineering, electronics, instrumentation or mechatronics technology combined with relevant experience may also be considered.

Un baccalaureat en genie electrique, en genie de l'automatisation ou en controle des procèdes, ou dans un domaine similaire. Un diplome d'etudes collegiales de trois ans en genie electrique, electronique, instrumentation ou mecatronique combine avec une experience pertinente peut egalement etre pris en consideration.

How to Apply

Click "Apply Now"