



# 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.Link's 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.

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Toll Free Phone: (866) 225-9067  
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# Job Board Posting



Careers.Indigenous.Link

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## Hardware Engineer

<b>Job ID</b>	<b>20069-7429</b>	
<b>Web Address</b>	<a href="https://careers.indigenous.link/viewjob?jobname=20069-7429">https://careers.indigenous.link/viewjob?jobname=20069-7429</a>	
<b>Company</b>	United Rentals	
<b>Location</b>	Calgary, Alberta	
<b>Date Posted</b>	From: 2021-10-13	To: 2050-01-01
<b>Job</b>	Type: Full time	Category: Transportation

### Description

Great company. Great people. Great opportunities. As a Hardware Engineer at United Rentals, you are responsible for designing and building a ruggedized IoT platform including sensors and communication gateway for monitoring and controlling environmental conditions on industrial and residential construction sites. Hardware requires embedded C code for wireless sensors and a Python application running on Linux. If you would enjoy the chance to make your mark with the world's largest equipment rental provider, consider a future with United Rentals. We'll provide the tools, the technology and the support you need to do the job right. You will also be supported by a strong management team that will help you achieve your goals. Additional duties include the following:

- Lead design and development of new sensors and revisions of existing sensors
- Coordinate with the development and operations team to define requirements for new features
- Perform schematic capture and PCB layout using Altium Designer
- Perform circuit board testing, analysis and troubleshooting
- Leverage embedded software capabilities to help interface and collaborate with software and test engineers
- Document product requirements, specifications, and designer test plans
- Review the existing architecture for sustainability and scalability as requirements evolve
- Identify, research, and resolve issues raised by customers
- Troubleshoot system failures and discrepancies
- Execute certification test plans (e.g. EMC)
- Other duties assigned as needed

### Job Requirements:

- Bachelor's Degree Electrical or Mechanical Engineering; P.Eng membership in good standing with APEGGA
- 10+ years of experience designing custom sensors
- Schematic capture and PCB layout using Altium Designer
- Circuit board testing, analysis and troubleshooting
- Oscilloscopes, logic analyzers & DMMs
- SMD soldering
- Experience developing and implementing a quality assurance program for inspecting and repairing equipment
- RF, troubleshooting radiated and conducted emissions, antenna design and FCC/ICES certification process
- Safety testing and certifications to UL/CSA 62358-1 and UL/CSA 61010-1
- Designing and troubleshooting xBee RF radio modules
- Embedded software capabilities to help interface and collaborate with software and test engineers
- Analytically oriented with strong documentation skills
- Strong interpersonal skills
- Self-motivated and willing to work in a small, fast-paced team environment

At United Rentals, the largest equipment rental company, we believe that it takes great employees to build a great organization - and we're passionate about helping our people grow professionally and embrace teamwork in everything they do. Our culture is based on our corporate values and centers on mutual respect, job satisfaction, diversity and a shared responsibility to build a better future. What's in it for you? U.S. Full Time roles: Best in class benefits offering includes medical, dental, vision, flex spending and health savings accounts; 401(k) retirement with company match; life and disability insurance; and paid time off including sick, vacation, holidays, and paid parental leave. Comprehensive training and development and career growth opportunities. U.S. Part Time roles: Benefits offering includes 401(k) retirement with company match/RRSP; paid time off including sick, vacation and holidays; and comprehensive training and development and career growth opportunities. Canada: Best in class benefits package which includes medical, dental & vision, RRSP/DPSP\*, paid time off, comprehensive training and development, and career growth opportunities. \*Offered for full time roles, part time eligibility in select provinces. United Rentals, Inc. is an Equal Opportunity Employer of women, minorities, protected veterans and individuals with disabilities.

For more information, visit United Rentals for Hardware Engineer