Hardware Engineering Careers

Overview

• Part of the Calian Group Ltd.
• Specializing in Satellite and Cable Communications
• Main location in Saskatoon, SK, second location in Edmonton, AB
• In business for over 55 years
• Diverse Engineering department with 140+ employees, including approximately 40 in Hardware Engineering

Project Teams

• Teams work together to deliver complex systems and products to customers.
• Key Skills:
  - Embedded Software Development
  - FPGA Logic Development
  - Electronic Circuit and PCB Design
  - DSP Algorithm Development
  - Requirements Analysis and Verification
• Multi-disciplinary teams sit together to foster collaboration.

Modern Development Environment and Practices

• Programming Languages: C++, VHDL, and Python
• The latest development tools:
  - Xilinx Vivado, Matlab, DxDesigner, PADS Power PCB, ADS Simulation, Genesys, git (source control), Bitbucket (git host and code reviews), JIRA (issue and project tracking), Confluence (wiki), Jenkins (continuous integration)
• Modern practices: informal Test Driven Development, code reviews, continuous integration, continuous process evolution
• Best practices for Detailed Design, FPGA Logic Development, Embedded SW Development
• Slack and Confluence used for team communication.

Career Development

• New designers assigned simple tasks that become progressively larger and more complex
• Mentorship - senior to junior pairing
• Employee feedback reviews.

www.sedsystems.ca/careers
International Customers and Industry Partnerships

We work on complex, leading edge systems and products like:

- Next gen cable network analyzers (Rohde & Schwarz)
- Remote PHY DOCSIS technologies and advanced signal processing algorithms
- High performance, low cost, digital spectrum analyzer product - Decimator
- High reliability modulator for Satellite Radio Terrestrial Repeater network
- RF Gateways provide links to communications satellites (Hughes, Inmarsat)
- Deep space antennas for the European Space Agency

We are looking for talented and creative people with degrees in:

- Engineering Physics
- Computer Engineering
- Electrical Engineering
- OR above combined with Computer Science

Apply Online Today!

www.sedsystems.ca/careers/current-opportunities

Employee Benefits

Our employees enjoy a variety of competitive benefits & perks.

<table>
<thead>
<tr>
<th>Flexible Work Hours</th>
<th>37.5 hr work week, flex time, overtime paid or banked at 1.5X</th>
</tr>
</thead>
<tbody>
<tr>
<td>Easy Access</td>
<td>Near several bus routes and cycle trails, bike lockup compound, affordable onsite parking $4/month</td>
</tr>
<tr>
<td>Company-paid Benefits</td>
<td>Comprehensive plan including vision, dental, prescription drugs, massage, etc. Life insurance, Accidental Death &amp; Dismemberment (ADD), Employee Assistance Program (EAP), Pension at 5% of salary</td>
</tr>
<tr>
<td>Food Options</td>
<td>On-site cafeteria has hot and cold food choices. Several other options within walking distance</td>
</tr>
<tr>
<td>Social Activities</td>
<td>Games room, monthly social activities, access to Innovation Place gym, discounted Motion Fitness rates</td>
</tr>
<tr>
<td>Environment</td>
<td>Beautiful custom built location with glass-roofed atrium &amp; tropical plants. Located in Innovation Place, adjacent to U of S campus, near the Meewasin trail system</td>
</tr>
</tbody>
</table>

www.sedsystems.ca/careers

Human Resources
Calian, Advanced Technologies
T: 306-931-3425
18 Innovation Blvd
Saskatoon SK S7N 3R1