

# Neil Galloway, P.Eng.

## Business Analyst/Software Engineer

Calgary, Alberta, Canada  
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<http://neilgalloway.com>



Engineering Co-op Program  
University of Alberta

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### Overview

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I am looking for a manager or project lead role in a technology company. The past 6 years I have developed business applications, acted as project lead (3 years), and recently managed the inventory management system and processes.

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### Highlights of Qualifications

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- **Business Analyst** for inventory management.
- **Project lead** for inventory tracking application (3 to 5 developers).
- Development in **Java, C#, Python, PHP, C/C++, assembly**.
- Database design and administration with **MySQL** and **SQL Server**.
- Project development/testing of **web applications (AJAX, J2EE, XML/XSLT, Perl)**.
- Development on **Linux, UNIX, Windows 2000/XP (IDE's, CVS/SVN, server management)**.
- Familiar with Office applications like **Word, Excel, Powerpoint, and VBA macros**.
- **Testing** framework knowledge (**JUnit, MockObjects**) and **OOA/OOD** using **UML**.

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### Education

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<b>Bachelor of Science in Computer Engineering (Cooperative Program)</b>	June 2003
University of Alberta, Edmonton, Alberta	
<b>Sun Certified Programmer for the Java 2 Platform</b>	December 2002
<b>MySQL Professional Certification</b>	September 2003
<b>Advanced Java II: J2EE</b>	December 2003
University of Calgary, Alberta: Continuing Education	
<b>Canadian Securities Course</b>	October 2004
<b>Leadership</b> – Franklin Covey Institute	April 2005
<b>Software Quality Conference</b> – APEGGA (Edmonton)	May 2006
<b>Requirements Analysis</b> – Quadrus (Calgary)	May 2008
<b>Leaders Who Manage</b> – University of Calgary	January 2010

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### Work Experience

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<b>Asset Management Analyst</b>	June 2008 – present
<b>PASON SYSTEMS INC.</b> , Calgary, Alberta, Canada	
<ul style="list-style-type: none"><li>• Business analyst role reporting to the COO. Process improvement and risk analysis.</li><li>• Responsible at the corporate level for tracking of Pason equipment and assets.</li><li>• Refining and analyzing existing processes affecting <u>all</u> departments.</li><li>• Filter new requests, gather high level requirements, facilitate the process definition</li><li>• Interface with Finance, Manufacturing, Q&amp;A, R&amp;D, Operations, 3<sup>rd</sup> parties.</li></ul>	
<b>Systems Analyst</b>	June 2003 – May 2008
<b>PASON SYSTEMS INC.</b> , Calgary, Alberta, Canada	
<ul style="list-style-type: none"><li>• Project lead for Asset Tracking System. Python web application with Windows CE/.NET application running on mobile barcode scanners.</li><li>• Developed Knowledge Base application (JSP, Struts, MySQL, and Apache Tomcat)</li><li>• Developed data synchronizing application for Linux server and Windows clients.</li><li>• Software development in Python, Java, C#, C, Perl, shell scripts.</li><li>• Application support and maintenance. (Windows/Linux platforms)</li></ul>	

## **Work Experience continued...**

### **Applications Development/Testing (Co-op Student)**

May – December 2002

TELUS, Edmonton, Alberta

- Tier IV customer support. Last level of analysis for network errors.
- Designed and implemented test plans for AIN service logic (PSTN and NGN)
- Created bug tracking system using Servlets/JSP, JDBC, and Oracle on Unix server
- Java/C++ server side development for future business opportunities

### **Java Software Developer/Systems Integration**

January – August 2001

WIND RIVER SYSTEMS LTD., Calgary, Alberta

- Developed Java software for embedded systems (VxWorks)
- Performed system integration/problem resolution on products
- Designed test applications/demos for customer support
- Involved in definition, design, and implementation of prototype product.

### **Field Operator**

IMPERIAL OIL LTD., Cold Lake, Alberta

July – August 2000

PANCANADIAN PETROLEUM, Hardisty, Alberta

July – August 1999

- Well checks, production checks of oil production facilities.
- Investigated problems and made recommendations.

## **Professional Associations and Club Memberships**

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### ***P.Eng.***

current

APEGGA (The Association of Professional Engineers, Geologists and Geophysicists of Alberta)

### **Team Captain**

2006 - 2009

- Pason Systems United Way Campaign and Calgary Corporate Challenge

### ***VP Social***

2001 – 2002

COMPUTER ENGINEERING CLUB

- Organized and volunteered for variety of events and social activities.

## **Extracurricular**

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### **Volunteer**

current

- Piano player for local elderly care facility.
- Continuing Connections Program with the Calgary Mental Health Association

### **Traveling**

2004-2007

- South East Asia (2004), Ecuador/Peru (2005), Cuba (2005), Eastern Africa (2006), Russia/Mongolia/China (2007), Egypt/Jordan/Syria/Turkey (2008), India/Nepal/Hong Kong/Sri Lanka (2009).

### **Finance and Investment**

- Completed the Canadian Securities Course.

### **Music**

- Guitar, piano, and mandolin. Have instructed piano as well.

### **Athletics**

- Recreational volleyball and basketball. Also fitness training (P90X)
- PADI Advanced Open Water Diver.

**REFERENCES AVAILABLE ON REQUEST**