

# Christopher Laco

Webmaster at Summit Racing Equipment

claco@chrislaco.com

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## Summary

I use the following technologies on a regular basis:

- \* .NET Testing using NUnit/NCover/TestDriven.NET
- \* Code quality metrics using FxCop (.NET)
- \* Code quality metrics using Perl::Critic (Perl)
- \* Rails/Ruby Testing using RSpec/RCov/Cucumber
- \* Perl Testing using Test::Class/Group/More/Simple/Devel::Cover
- \* MVC Site development in Ruby/Rails
- \* MVC Site development in Perl/Catalyst
- \* MVC Site development in PHP/CakePHP
- \* MVC Site development in Python/Django
- \* MVC Site development in ASP.NET MVC 1.0
- \* Address Scrubbing (Satori MailRoom Toolkit)
- \* Shipping Estimation (RateLinx)
- \* ASP.NET WebForms Development
- \* Fluent in VB.NET or C#
- \* Visual Studio 2005/2008
- \* Setup/Maintain Microsoft SQL Server 2000/2008
- \* Setup/Maintain MySQL 4/5
- \* Setup/Maintain Windows Server 2000/2003/2008
- \* Setup/Maintain IIS 5/6/7
- \* Setup/Maintain Apache 1.3/2.0+
- \* Endeca InFront (Attribute based Search Engine)
- \* Firewalling/NAT using IPFilter/FreeBSD
- \* DNS Maintenance Bind 8/9
- \* Source control using Subversion
- \* Source control using Git/GitHub

Goals: To work somewhere that believes in high quality code production through the use of proven TDD/BDD development and testing techniques and iterative development processes.

Manifesto: Programming is a craft. Like being a musician, programming takes constant practice to hone your skill on and off of the job..No code shall be written without tests. It is the only way to ensure quality and proper function when changes have to be made later due to scope/feature changes. Code

can never be perfect or "done the right way" on the first try. Don't obsess with "the only correct way" when writing code. Instead, focus on writing code that contributes towards the "best version possible".

## Specialties

Ecommerce to business systems integration. Shopping/Cart/Checkout development with PayPal/Google/BML Integrations. Search systems based on data attributes (Endeca). Unit/Integration testing with TDD/BDD focus.

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## Experience

### **Module Author at CPAN**

November 2004 - Present (5 years 5 months)

- \* Author of Handel, a shopping cart system for Perl
  - \* Author of various modules on <http://search.cpan.org/~claco/>
  - \* TDD/Testing using Test::Class, Test::More/Simple to ensure code quality across releases.
- 1 recommendation available upon request*

### **Webmaster at Summit Racing Equipment**

April 1998 - Present (12 years)

- \* Hired to build initial ecommerce site
- \* Initial version in VB/MTS/COM+/Classic ASP
- \* SMTP/POP Maintenance (early years) using Imail
- \* Custom TcpIp client integration to main business system to auth/create users, place orders.
- \* Address Scrubbing/Verification (Satori MailRoom Toolkit)
- \* Shipping Estimation (RateLinx)
- \* Ebay integration (.NET/ChannelAdvisor)
- \* BillMeLater Integration (.NET/CardinalCommerce)
- \* 3DSecure VerifiedByVisa/SecureCard Integration (.NET/CardinalCommerce)
- \* Google Checkout Integration (.NET/CardinalCommerce)
- \* PayPal Checkout/Payment Method Integration (.NET/CardinalCommerce)
- \* Endeca Server setup/maintenance (Windows)
- \* Endeca Pipeline/Forge development/maintenance (Windows)
- \* Site conversion from ASP -> ASP.NET 2.0 WebForms
- \* New site conversion using .NET 3.5 ASP.NET MVC (VB.NET)
- \* SQL 2000 Database/Table/Proc/DTS development for conversion.
- \* Unit/integration Testing using NUnit/NCover/TestDriven.NET
- \* Code Quality using FxCop/DocChecker
- \* IIS4/5/7 Setup/Maintenance for public sites/FTP
- \* DNS Maintenance (Bind8/9)
- \* SQL 2000 Maintenance/Replication
- \* Amazon Integration (.NET/WASH)
- \* Technical Lead/Guide 4 others through practices and new technologies

- \* REST style API for external 3rd party data access (JSON/XML)

*2 recommendations available upon request*

### **Hobbyist at Personal Projects**

January 1996 - Present (14 years 3 months)

- \* Program on off time to maintain/learn new skills/languages
- \* View samples of work/current projects: <http://github.com/claco>
- \* Siphon: C# monitor/processor for file/ftp/pop3/imap/msmq related tasks using Windows Service, Console, Libraries @ <http://github.com/claco/siphon>
- \* CsvDataReader: C# CSV/delimited files exposed as IDataReader/Records @ <http://github.com/claco/csvdatareader>
- \* <http://helpnear.me> site for users to find food/shelter located near them to help others in need. In development using Ruby/Rails.
- \* Summit County Interfaith Hospitality Network (In development) using WordPress/Custom PHP theme for user/event/blog/volunteer schedule maintenance.

### **Independent Contractor at Confer**

November 2009 - February 2010 (4 months)

- \* Email Integration Project
- \* Written in C# ASP.NET/WebForms/SOAP Services
- \* MSSQL 2008 Database Table/Proc Development
- \* POP3/IMAP Account Settings Maintenance
- \* Fetch POP3/IMAP Emails
- \* Save Email w/Attachments to Database.

### **Hostmaster at Three Tech Associates**

January 1994 - January 2000 (6 years 1 month)

- \* Website Development in ASP, ModelPerl and PHP
- \* Website Hosting on IIS3/4/Apache 1.3
- \* Server Installation/Management: NT4, Windows 2000, FreeBSD 3/4/5
- \* Email Hosting/Maintenance in Imap/Windows and Postfix/FreeBSD
- \* Connection Setup/Maintenance for ISDN, DSL and FrameRelay connections using NAT/Routers
- \* DNS Maintenance: Bind 8/9

### **Web Developer at Meldrum & Fewsmith**

January 1997 - April 1998 (1 year 4 months)

- \* Pre ASP dynamic page development using Spinnaker/Paradox
- \* ASP Classic Development/Site Maintenance using MSSQL 7
- \* Website Graphics creation from designs using Photoshop 4 (Mac)
- \* Built online instruction manual site for dirtdevil.com
- \* Site construction/maintenance for CedartPoint.com, Dorney Park, Seely, DirtDevil, Flood, Great Lakes Brewing

## **PC Support Technician at University of Akron**

January 1995 - January 1996 (1 year 1 month)

- \* New Computer Setup/Install (PC/MAC)
  - \* Windows 3.1/Windows for WorkGroups 3.11 Install/Memory Management
  - \* Windows 95 Installs/Setup
  - \* Banyon Vines NENetwork Installs
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## Education

### **The University of Akron**

Bachelor, Music Education K-12, 1991 - 1996

**Activities and Societies:** Steel drum band, Orchestra, Drum and Bugle Corps

### **The University of Akron**

Bachelor, Music Performance: Percussion, 1991 - 1996

**Activities and Societies:** Steel drum band, Orchestra, Drum and Bugle Corps

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## Honors and Awards

I actually won first place Individuals Solos at DCI in the multiples category with the first ever Steel Drum Solo there.

## Interests

Programming, Programming, more Programming. FreeBSD, Ubuntu, Apache, Perl, TDD, BDD, Ruby, Rails, Cucumber, LAMP, Catalyst, CakePHP, Django, Shopping Carts, Checkout Systems, Ecommerce. Drum and Bugle Corps. Steel Drum.

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## 3 people have recommended Christopher

"Chris is a great asset to anyone's team. When I first came to IHRA, Summit Racing hosted our website and Chris was my lifeline if there were ever any problems. He was very patient and helped me with all my hosting and database needs. He showed me life beyond my early web days of Windows and Front Page."

— **Jeffrey Lee**, *Director Of Internet & New Media, Live Nation Motor Sports - IHRA*, worked directly with Christopher at Summit Racing Equipment

"Chris is not only one of the best programmers I've ever worked with, but he's also a very gifted teacher and leader. I especially appreciated the time he spent explaining test driven development to those of us that were new to the concept. Any company would be lucky to have him!"

— **John Miller**, *Web Developer, Summit Racing Inc.*, worked indirectly for Christopher at Summit Racing Equipment

"Christopher makes great stuff. For instance, his SVN Catalyst model saved me lots of time."

— **Marcus Ramberg**, *Developer, ABC Startsiden*, was with another company when working with Christopher at CPAN

[Contact Christopher on LinkedIn](#)