

# Ryan DesRoches

Portfolio: <http://www.lakotadenproductions.com/ryandesroches>  
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## Summary

Senior Web Developer/Software Engineer with experience developing static and dynamic web sites and applications for academic and e-commerce needs.

## Skills and Software

Action Script 3.0	DB2	ProStores
Adobe After Effects	Eclipse	SQL
Adobe Contribute 4.0	Google Analytics	Rational Rose
Adobe Dreamweaver CS4	Google Webmaster Tools	Rational ClearCase
Adobe Flash CS4	J2EE/JSP	Remote Desktop
Adobe Flash Video Encoder	JavaScript	Solaris OS
Adobe Photoshop CS 4	Macintosh OSX	UML
Apache	Microsoft Office	VB Script
ASP (VBScript, JScript)	MySQL	Windows XP
ASP.Net (C#)	PHP	WebSphere Commerce
Avid Media Composer		XHTML

## Experience

### Web Developer **Harvard Apparatus** Holliston, Mass.

(Jan. 2009 - Present)

- Maintained and developed XHTML, Flash, ASP, JavaScript, and J2EE code for the Harvard Apparatus family of websites.
- Created e-Spots, developed JSP Pages, and maintained the product catalog for Harvard Apparatus's WebSphere e-commerce system.
- Conducted Search Engine Optimization tasks which resulted in company websites ranking in the top five search results for major keywords and products.
- Created HTML e-mails promotional material for Constant Contact e-mail campaigns.
- Successfully migrated HarvardApparatus.co.uk to the WebSphere Commerce Environment.
- Currently leading technical design and development of new Hoefer, Inc website that will run on the WebSphere Commerce system.

### Web Master/ Developer **Assumption College** Worcester, Mass.

(Dec. 2007 - Sept. 2008)

- Designed, coded, and maintained static and dynamic XHTML, CSS, JavaScript, Flash, and PHP files on various platforms.
- Designed and produced websites for various browsers and platforms, including Palm and Windows Mobile devices.
- Trained and managed over 50 content managers on the use of content-management tools.
- Made recommendations and drafted standards and policies relating to web development on campus.

### Software Engineer **Raytheon** (Integrated Defense Systems) Sudbury, Mass.

(June 2000 - Dec 2007)

- Designed, coded, tested and integrated the displays for the UEWR/CJR Radars using OpenGL, X/Motif, and C++ in an object orientated, real-time, multithreaded environment.
- Promoted to Software Integrator in fall of 2005.
- Debugged and analyzed issues from radar sites as well as in-house builds.
- Tested software patches and making sure they pass the *No Doubt* system requirements for the UEWR software builds.
- Promoted to a mentor in January 2002. Trained new hires on the process and procedures of the project and any technical issues dealing with the project.

## Education

### Emerson College Assumption College

MA Visual and Media Arts  
BA Computer Science (Minor - Theatre Arts)

## Professional Organizations/Awards

**Chairman** Founded and chaired the Colleges of Worcester Consortium  
*Web Professionals Committee.*

**President** President of the *Nipmuc Water Ski Club* between 2000-2002 and 2005-2007  
Vice President 2007-2008  
Board of Directors 1995-Present

**Awards** *Six-Sigma Qualified Specialist* (February, 2005)  
*Raytheon Team Achievement Award* (Fall 2007)

