

DAVID D'AMICO

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SUMMARY

Creative professional in the field of web development with 6 years experience in the eLearning / knowledge management fields. Areas of particular expertise are XML (and related technologies), rich application development with Macromedia Flash, and standards-based web development using XHTML / HTML / JavaScript / CSS. A results-focused and affable developer, works well with a team.

TECHNICAL OVERVIEW

Programming Languages - JavaScript, ActionScript (1.0, 2.0), Perl, Ruby, Shell Scripting, ColdFusion, PHP, SQL (MySQL, Oracle, SQLite), JSP, Java, ColdFusion, C# / ASP.Net

XML - XML, XSLT, XML Schema, XQuery, DTD, Native XML Databases, XML processing in Perl, Ruby and ActionScript

Web - HTML / XHTML, CSS, JavaScript

Standards - SCORM, AICC / AICC-HACP, Oasis DITA, W3C, Section 508 Compliance Standards

Media authoring - Adobe Photoshop, Adobe Illustrator, Adobe Premiere, Macromedia Flash, Final Cut Studio, Avid Media Composer, Sony Sound Forge

PROFESSIONAL EXPERIENCE

INDIANAPOLIS POWER AND LIGHT COMPANY

2007-PRESENT

Web Developer

Develop and maintain internal ColdFusion applications, work with inside and outside facing .NET and JSP applications, and provide general support in areas of expertise (XML, *nix, web technologies).

- Rapidly gained fluency in ColdFusion to support role
- Quickly built excellent working relationships in new climes

TORONTO DANCE THEATRE, <http://www.tdt.org>

2006-PRESENT

Web Developer

Created JavaScript components for, and coordinated & executed the deployment of this innovative Toronto-based dance company's web presence. Maintenance is ongoing.

PANGAEA MEDIA AND MUSIC, <http://www.pangaeamediaandmusic.ca>

2007

Web Developer

Using an inherited design, rebuilt this multimedia production house's website as a managed content site using Wordpress as the back-end.

- Weathered an eleventh hour unavoidable switch from Drupal to Wordpress

IUPUI MEDICAL HUMANITIES PROGRAM

2006

Web Developer

Designed, developed and deployed web hub for major academic initiative 'Indiana Eugenics: History and Legacy, 1907-2007'.

- Worked closely with archivist to select appropriate historical materials from which to derive site design

BLACK LAW STUDENTS' ASSOCIATION OF CANADA, <http://www.blsacanada.ca>

2006

Web Developer

Ground-up redesign of national student organization's web presence, from design to deployment.

- Worked with content developer and others to move from a site they felt was dull and impersonal closer to the organization's profile: dynamic, professional, Afro-Canadian

SUN MICROSYSTEMS OF CANADA, INC., Toronto, Canada

2000-2006

XML Architect (2005-2006)

Developed and implemented prototype applications for Sun's knowledge and data operations group.

Developed and maintained XSLT stylesheets, and maintained XML Schema data models.

- Created prototype web-service to aggregate and serve legacy knowledge assets as dynamic RSS feeds using Vignette CMS, a Ruby interface to a native XML database and a JSP front-end, closing a major gap in Sun's capacity to present its knowledge docs to customers
- Rapidly gained fluency in Perl and Ruby to meet project requirements

eLearning Courseware Interoperability Specialist (2004-2005)

Tested interoperability (transmission of course state and tracking data to learning management system and vice versa via SCORM and AICC protocols) of third-party computer-based training against Sun's ELP learning management product.

- Played integral role in transition of a significant portion of Sun's eLearning content from internal system to NETg / Knowledgegenet's Monsoon platform
- Provided vital support to team by administering the group's testing servers, in the process becoming quite expert with Solaris (2.8+) system administration, and Apache & Weblogic maintenance

Technical Lead, Custom Courseware Development Group (2002-2004)

Developed, debugged and tested interoperability of complex courseware engines to run custom computer-based training products. Managed and oversaw developer teams.

- Supervised and participated in the production of several pieces of a major eLearning curriculum for business managers
- Rewrote significant pieces of legacy courseware engine code to take advantage of later additions to the Flash runtime

Multimedia Developer, Custom Courseware Development Group (2000-2002)

Performed a bevy of tasks related to the development of rich media computer-based training products for web and CD-ROM delivery. Hired on as a video editor, quickly moved into more varied media development activities, vector animation, sound editing, video production/editing, course writing, ActionScript / JavaScript programming and html development.

- Co-managed and participated in the development of one of the team's finest projects ever, a fully animated, character-driven course with a very boring name (BCE Value Proposition) which went on to win two major industry awards (an EMMA and a BIMA)
- From zero previous experience with Macromedia Flash, moved from junior to intermediate developer position in a matter of months
- With teammate, created the team's first ever implementation of video in one of our courseware products (at a point in Flash's development where this was a significant accomplishment)
- With teammates, consistently delivered assignments ahead of schedule and above expectations

EDUCATION/PROFESSIONAL DEVELOPMENT

BFA, Image Arts, Ryerson University, Toronto, Canada
IPEDO IXIP (Native XML Database) Administration Training, Toronto, Canada
Solaris 9 System Administration, eLearning curriculum