

DAVID D'AMICO

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SUMMARY

Creative professional in the field of web and mobile application development. Areas of particular expertise are standards-based web development (with an abiding love for CSS), and mobile application development, primarily for the iOS platform. A results-focused and affable developer with great enthusiasm for emerging technologies. Works well with a team.

TECHNICAL OVERVIEW

Programming Languages: Objective-C (some Swift, though limited practical experience with it so far), JavaScript, PHP, Perl, Ruby, Python, Shell Scripting, ActionScript (1.0, 2.0), Java / JSP, ColdFusion / CFML, C# / ASP.NET

Web Technologies: HTML, CSS, JavaScript, SASS & Compass, Grunt

DB: Intermediate level of skill with MySQL and Oracle, some limited experience with MS SQL

XML: XSLT, XML Schema, XQuery, DTD, XML processing in Perl, Ruby, JavaScript and ActionScript

Source Code Control: Git, Subversion, some experience with Mercurial, CVS, Visual Source Safe

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

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

PROFESSIONAL EXPERIENCE

CANADIAN BROADCASTING CORPORATION, SEPT. 2014 – PRESENT

Mobile Developer

Working in the CBC Music unit, I develop and maintain CBC Music's iOS app, and contribute to development and maintenance of both our ASP.NET "classic desktop" product and our Backbone.js-based mobile/responsive product.

- ▶ Gained some very hands-on experience with an actively developed iOS application and worked through some difficult but ultimately educational and rewarding transitions —iOS 7 to 8, "traditional" layout to auto-layout, as well as the process of transitioning the project from one developer to another
- ▶ Achieved my first "closed as duplicate" radar!
- ▶ Gained a great deal of experience with Backbone.js
- ▶ Fullest experience yet with Agile workflow

INDIANAPOLIS MUSEUM OF ART, 2013 – 2014

Web / Application Developer

Working at the IMA Lab (the IMA's technology arm), I worked to extend existing and develop new web and iOS applications for use in gallery and in the museum/cultural sector, and contributed to the Lab's ongoing open source projects.

- ▶ Gained experience in the museum/cultural space
- ▶ Moved my mobile application development skills forward significantly
- ▶ Contributed to the lab's open source TAP project for digital museum tours, including the October 2014 release of the open source version of the TAP iPad client

SENTRY DATA SYSTEMS, 2010 – 2013

Frontend Web Engineer

Maintained existing and developed new frontend components for large PHP/Ruby application using HTML, CSS, and JavaScript. Maintained and improved legacy browser compatibility. With team, reviewed and improved application's user experience. Developed and maintained company's Wordpress-driven website.

- ▶ Improved my development methods through extensive collaboration with other developers using company's SCM and issue tracking systems
- ▶ Honed skills with approaching UI critically through frequent group reviews

THE NUB: INDIE ARTS HUB, 2012*Web/Mobile Application Developer*

Collaborated on design and developed this application for iOS and Android using off-the-shelf parts to optimize for rapid development: Wordpress on the backend, PhoneGap/jQuery Mobile on the front-end.

INDIANAPOLIS POWER AND LIGHT COMPANY, 2007 – 2010*Web Developer*

Developed and maintained internal ColdFusion applications, worked with inside- and outside-facing .NET and JSP applications, along with new internal application development in C# / .NET. Supported and administered WebLogic and IIS tiers of several J2EE applications. Provided general support in areas of expertise (XML, *nix, web technologies).

- ▶ Rapidly gained fluency in ColdFusion and ASP.NET
- ▶ Drew on Unix experience from previous positions to assist my team by taking on system administration tasks

TEACH PROJECT, <http://teachproject.ca>, 2008 – 2009*Web Developer*

Developed, from planning to finished products, a filesystem-based content management system (PHP + XML on the filesystem) and a product catalog / storefront application (PHP + MySQL).

IUPUI MEDICAL HUMANITIES PROGRAM, 2006*Web Developer*

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

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

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 of third-party computer-based training against Sun's LMS product.

- ▶ Transitioned Sun's eLearning content from internal system to NETg / KnowledgeNet's Monsoon platform
- ▶ Administered 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 and debugged interoperability of complex courseware engines. Managed developer teams.

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, animation, sound editing, video production/editing, writing, ActionScript programming.

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