Duncan Davidson
Flash and JavaScript

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Since 2004	The Nielsen Company 770 Broadway New York, New York 10003
Flash/Silverlight Mp3/Wma Streaming Music Player	A combination .mp3/.wma streaming music player for Billboard Magazine's charts, news and discography pages. The player consists of a flash component which streams music samples, and a JavaScript component which handles user interactivity within the page, including callbacks to the player that access the streaming controller. The "Listen" or "Red Earphones" buttons will summon the player. (Hot 100) (Discography) (Demo Page)
Widgets	A great variety of Flash widgets for Billboard and The Hollywood Reporter, among other sites. The widgets present RSS news and video feeds, music charts, artist information and discographies, tour and concert search functionalities, upcoming film and music releases, blogs, streaming video, film festival tracking, film reviews and production company information. (Billboard Widgets) (Hollywood Reporter Widgets)
Google Maps and Microsoft Virtual Earth	The front end component for Photo District News' online Community Compass, integrating Google Maps with the PDN photographer's online community database. This was originally created with Microsoft Virtual Earth, but the editors decided they prefer Google Maps. (PDN Online Community Compass)

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Nielsen Subscription System

By far the largest project I've worked on in the last year is Nielsen's new subscription service, which collectively services 50+ online publications. The front end is built entirely with JavaScript and provides form controls, validation and Ajax facilitation of the subscription and account management process. This will be launching sometime this fall.

Sumerian Online Corpus

An online repository for ancient Sumerian writings I have put together for an independent project in development. This is a TEI-based application featuring cross-referenced translations and transliterations, dynamically generated glossary and corpus contents, dynamically generated pdfs, corpus search and a blog. For this project I have used Apache Software Foundation's Xalan, Xerces, FOP, Commons and Lucene. *(Sumerian Online Corpus)*

Myth Maps

To showcase my Photoshop skills, here is a download page for maps I made for the game Myth II: Soulblighter. The first couple are ports from an older version of the game. The rest are originals, created with Photoshop, plus a number of map creation utilities. *(Myth Maps)*

Notable projects that never made it to production

Muzika Showdown: A Facebook Rock & Roll trivia game for Billboard using FBML and FBJS. Billboard YouTube Integration: Billboard discography pages built to carry out a YouTube search query of the relevant artist and embed a selection of resultant videos.

Sites I've Recently Worked With

Facebook, MySpace, YouTube, Google Maps, iLike, GarageBand, The Hype Machine, Pandora, Last.fm, Songza, JamBase

Technologies	Actionscript 3 and 2, Javascript, Prototype, Scriptaculous
	Ext, Dojo, YUI, JQuery, x library, JSON, sIFR, Perl, C
	Java, Servlets, Scriptlets, Applets, Beans, JSP, JSTL
	CSS, HTML/XHTML, Regular Expressions, Endeca
	Weblogic, CVS, Eclipse, XSLT, XSL-FO, DTD, XML Schema
	SVG, RSS, Atom, TEI(P4 & P5), Schematron, RELAX NG
	XPath, XPointer, XInclude, XQuery, XForms, XLink
	Silverlight
Open Source	Lucene, Xalan, Xerces, Jakarta Commons, Taglibs
	FOP, HTTP Server, Tomcat, Jakarta Struts and Velocity
	Blojsom

References

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