

# JACOB ANDERSEN

822 South Slate Canyon Drive  
Provo, UT 84606

Phone: (801) 362-5519  
E-mail: ajandersen@gmail.com

## Education

- **Masters of Business Administration** – May 2008  
Utah State University – Utah.
- **Bachelors of Computer Science** – June 2004  
Brigham Young University – Utah.
- **LPI** (Linux Professional) week-long training completed 2005.
- **SCRUM**: Lean Management training completed during the summer of 2007.

## Work Experience

- **Omniture Inc.** Provo UT 2007– Current  
*Software Web Engineer – Project Lead*
  - Acted as Project lead in designing and developing a central authentication service utilized by the entire company's product-line and utilized by Omniture's acquisitions. This service consisted of a web layer, a SOAP layer, LDAP business logic, and an LDAP user store.
  - Was an active participant in the creation of a single-sign-on solution that works with all of the Omniture products, and also works with third-party customer custom applications.
  - Developed in php using Eclipse on Omniture's flagship product, SiteCatalyst.
- **Novell Inc.** Provo UT 2004 – 2007  
*Software Engineer- Lead*
  - Lead a team of 10 engineers dedicated to automating and testing ZENworks, Novell's asset management software and one of the top revenue generating products.
  - Wrote an automation suite in C# and python that would re-image a set of machines, install our product, and run a set of smoke tests to make sure that our weekly build was in a state that our QA engineers could run their validation tests. The entire test group and several developers use this program regularly.
  - Participated in the open source community by creating a dynamic test harness that would automatically test the validity of mof files submitted by open source contributors.
  - Wrote a CIM provider in C++ that will do a self-check of the state of the CIMOM running on a Linux system. This provider is now found on distributions on Linux that include OpenWBEM (such as SUSE Linux Open Enterprise System 2).
  - Wrote several automation scripts in C#, Python, PERL, TSL, and C++ for the purpose of simplifying the current test process.
  - Recognized for dedication and strong work ethic by earning the "Engineer of the Month" award three times.
- **My Kids Browser, LLC.** Provo UT 2005 - 2008  
*President and Principal Engineer:* Designed, programmed, and marketed an Internet browser created for children. The product generates revenue from online sales, physical packaged media sold in stores located in 7 states, and royalties from 3<sup>rd</sup> party companies who bundle the software within their products. Handled everything from the website creation and maintenance (www.mykidsbrowser.com), sales, anti-piracy effort, automatic software updates, marketing, financial accounting, etc.  
The client side software for My Kids Browser is written in C# (.NET 2.0) while the mykidsbrowser.com website is written in PHP and MySQL.
- **Novell Inc.** Provo UT 2001 – 2004  
*Software Engineer-Intern:* Created and executed test cases for the testing of Novell products. Entered and regressed defects on a daily basis. Contributed to the OpenWBEM open source project by writing a mof file syntax and a modeling verifier in PERL. Wrote a php website for progression tracking of OpenWBEM providers to be used by the Novell OES team and the open source community. Also wrote several automation scripts using PERL and WinRunner for quick, automated installation and testing of these products.

## Websites - Portfolio

- **My Kids Browser** – www.mykidsbrowser.com.  
The web front-end to sell the My Kids Browser product. Also receives REST requests from installed clients to keep track of trial periods, registered copies, and piracy.
- **Smart PageRank** – www.smartpagerank.com.  
Receives over 3000 unique visitors per day and has become an authority site for Internet marketers and webmasters. The site uses PHP, MySQL, SOAP, AJAX, and Javascript.

## Skills

C#	eDirectory	openLDAP	SUSE Linux	PHP
SSO Design	JavaScript	PERL	Python	HTML
Java	VMware	Apache	Visual Studio .Net 2005	MySQL