

Will Norris

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Work Experience

Vidooop

San Francisco, CA

Software Engineer

May 2008 – May 2009

- Lead developer of DiSo Project, developing usable implementations of Open Stack protocols such as OpenID and OAuth for the WordPress blogging platform
- Regular patch contributor to core WordPress code base
- Active member of OASIS XRI Technical Committee, contributing to development of XRD specification and reference library

University of Southern California

Los Angeles, CA

Programmer Analyst III

Feb 2006 – May 2008

- Member of core development team for Shibboleth, Internet2's SAML-based authentication software in use by millions of users worldwide. Worked with geographically distributed team of 10+ developers to architect and implement major new version of the product.
- Lead developer for USC's Google Apps initiative to offer Google accounts and services to 30,000+ students
- Planned and implemented two major upgrades to USC's Shibboleth environment, replacing numerous legacy authentication systems with modern, scalable solutions
- Managed daily operations of enterprise directory services, including SUN Directory Server, meta-directory processes, and Shibboleth Identity Provider for population of 60,000+ active users
- Actively worked with campus departments requesting enterprise identity data, starting from initial policy meetings all the way to technical configurations and deployment scenarios

The University of Memphis

Memphis, TN

Graduate Assistant – Middleware Group

Nov 2004 – Feb 2006

- Contributed to the Shibboleth project, writing extensive regression unit tests and new installer for Shibboleth Identity Provider

The University of Memphis

Memphis, TN

Student Worker – Client Support

Aug 2003 – Nov 2004

- Provided technical support for Office of the President and other senior University staff
- Independently rewrote University white pages application, drawing attention from middleware group and resulting in job offer as a developer

Visible School – Music and Worship Arts College

Lakeland, TN

Network Admin / Application Developer

Nov 2003 – Aug 2005

- Designed and developed Student Information System using WebObjects Java framework
- Helped setup and maintain all facets of network for small (approx 150 users) campus

Education**The University of Memphis**

Memphis, TN

Pursuing B.A. in Computer Science

Sep 2003 – Aug 2004

- Left in good academic standing Summer 2004 to work full time

Visible School – Music and Worship Arts College

Lakeland, TN

Certificate in Music Business

Sep 2002 – May 2003

Georgia Institute of Technology

Atlanta, GA

Pursuing B.S. in Computer Science

Sep 2000 – Feb 2002

- Left in good academic standing Spring 2002 for medical reasons

Skills

- Languages – Java, Perl, PHP, shell scripting, XML, XML Schema
- Identity Management Middleware – SUN Directory Server 5.2, Shibboleth, (redundant configurations of both systems for high-availability)
- Social Technologies – OpenID (author of OpenID plugin for WordPress, now part of DiSo Project), OAuth, XRD, XRDS, microformats
- Training – SUN DIR-2337 Directory Server: Maintenance and Operations

National Speaking Engagements

- *Web SSO Panel: Deployment Comparisons*, CAMP Shibboleth: Enabling Campus and Federated Single Sign On, Burlington VT, June 2006.
- *Technical Topics for Deployed Campuses: Web SSO*, CAMP Shibboleth: Flexible Web-based Authentication and Authorization, Portland OR, June 2007.
- *Shibboleth Working Group*, Fall 2007 Internet2 Member Meeting, San Diego CA, October 2007.
- *Beyond Single Sign-On: Advanced Uses for Shibboleth at USC*, Educause 2008 Western Regional Conference, San Francisco CA, March 2008.
- *WordPress + OAuth*, WordCamp SF 2008, San Francisco CA, August 2008.