

Jeff N. Denton ~ Curriculum Vitae

PROFILE

Website, internet, and mobile application developer with over fifteen years of experience. Proficient with website graphic design, complex user interface design, design for mobile devices, database architecture for the web, project management, and translating complex project requirements into intuitive, digital solutions.

Experience with native mobile application development with four apps currently in the iTunes app store and Google Play store. Familiar with formatting of websites to present well and be usable on phones and tablets.

Experience with branding and identity design across multiple industries and disciplines, including advertising design for web and print.

Managed and developed over 30 projects in current position including websites, mobile apps, advertising artifacts, online teaching simulations, assessment reporting applications for the Oregon Department of Education, intranet portals, back office applications, statewide compliance monitoring and APR reporting applications for Departments of Education in Oregon, Nevada, and Utah.

WORK HISTORY

Western Oregon University, The Research Institute (TRI)

October 2004 – Present: Lead Web and Mobile Developer

- Increased collaboration, knowledge sharing, and engagement among stakeholders in the national deaf-blind network through the development of a social website currently supporting over 1200 active members.
- Developed an ePortfolio system currently in use by a national center to facilitate certification of paraprofessionals.
- Reduced dispersion and maintenance complexity of over 10 TRI project websites by migrating them to a common framework and design.
- Eliminated the need for production and distribution of paper handouts at more than 7 national conferences through the development of a multi-use conference mobile app.

- Assisted in the design and launch of a monthly professional development series for TRI staff called Bagels and Bytes. This series has consistently produced monthly, technology focussed professional development opportunities since 2013.
- Instrumental in growing the National Center on Deaf-blindness web design team from 2 members to 6, greatly increasing the technical capacity and capability of this national project.

UpStart Productions

November 2000 – 2014: Owner and Lead Developer

- Assisted over 50 small businesses across the U.S. in developing their first web presence and strategy.
- Worked with a small team of consultants to build the first set of online data collection and reporting tools for Oregon, Iowa, and Nevada departments of education to monitor school district NCLB compliance.
- Developed corporate website and store locator software for Mr. Christmas, a producer of premium Christmas themed products with a nationwide retail footprint.
- Developed StudioConnect, an online photo portfolio and print ordering system for K and K Color Lab in Portland, Oregon. StudioConnect allowed K and K's professional photographer customers to easily display work and sell prints to their clients.
- Developed a project management SaaS application called CreativePro Office as a side project. This endeavor produced an additional income of \$30,000 prior to its sale in 2014. <http://mycpohq.com>

TECHNICAL SKILLS

HTML 5, CSS 3	Javascript	jQuery
Angular 1.x, 2	Ionic Mobile Framework	Titanium Mobile
SQL (MySQL, MS SQL)	Visual Studio, Atom, Eclipse	Framework
PHP, VB.NET	Photoshop	Git, Subversion
Gulp, Grunt, SASS	Raphael JS Vector Library	.Net Charting, Chart.js, Flot, Morris Charting Libraries

RELEVANT PROJECTS

Venture ePortfolio Platform ~ 2016

ourventure.org (demo account available upon request)

Custom built e-portfolio platform developed for deaf-blind intervener certification. Worked with a single contractor to build out RESTful API in PHP (Laravel 5) and MySQL. Built the

front end as a single page application in Angular 1.4. Demonstrated the project at various stages of completion to the federal project officer. Assisted front-line user support during 3 month beta test to determine where users were encountering problems. Project was built under a very tight timeline and was completely functional in less than 3 months.

Transition Network Facilitator Activity Log Mobile App ~ 2016

[iTunes Store](#) | [Google Play Store](#)

Contact logging app for Oregon Transition Network Facilitators (TNF's). TNF's act as liaisons between graduating students with special needs and their teachers, school administrators, and vocational rehabilitation programs. Traditionally, TNF's would log their contacts with constituents and clients using whatever tools they chose and then submit cumbersome quarterly reports, with relevant data often obscured in several paragraphs of narrative. The TNF Activity Log allows TNF's to log several standardised data points after each contact quickly and with minimal error. Quarterly reports no longer need to be submitted because a TNF administrator has constant access to all data through a reporting dashboard.

This project was developed using the Ionic 2 cross-platform mobile framework and Angular 2 and was deployed to both iOS and Android platforms. The app interfaces with a custom built data collection and reporting API using PHP (Laravel 3) and MySQL.

National Center on Deaf-Blindness Website Design 2011 ~ Present

nationaldb.org

Helped craft the scope and feature set of NCDB's new website by working closely with contracted UI/UX professionals. Created HTML and CSS web ready layouts of the website from wireframes and high fidelity mockups. Managed a PHP constrator to build out the backend and API for the project. Built out client side code using jQuery and Handlebars.

Developed a conference app for the NCDB project using the Ionic cross-platform mobile framework and Angular 1. The app can be found in the [iTunes App Store](#).

Transition Indicator Reports for Nevada Department of Education 2010

A complete description of this project can be found in my Behance portfolio. This is an older project; however, it showcases my ability to work with complex data and queries, and develop usable reports from that data.

The Research Institute Website Redesign 2014 ~ Present

Responsible for website graphic design, layout and navigation system. Coded website and secure administration area using PHP, HTML5, CSS3 and JavaScript. Integrated TRI project websites into the main TRI website framework. Trained website administrators on the content management features of the website.

<http://triwou.org>

Nevada Special Education Accountability and Reporting System 2007 ~ 2011

Responsible for creating and implementing application layout, graphic design, logo and user interface. Wrote, tested, and deployed code for several application modules using VB.NET. Coded relevant stored procedures for MS SQL Server 2008. Responsible for developing, maintaining, and ensuring accuracy of NCLB Indicator B14 Transition reports.

Swindells' Center: Workgroup Intranet and the Child Disability Connection Public Website 2007 ~ 2011

Responsible for implementing the graphic design, layout and navigation structure for the Child Disability Connection website. Built framework for multilingual content on the public website. Build library management system, client contact management system, calendar and messaging system for the workgroup intranet. Coded website, intranet, search algorithms and other features using PHP, HTML, CSS, JavaScript, AJAX, the ExtJS (now Sencha) JavaScript framework and the Zend PHP Framework.

Secure Assessment Group Reports (Oregon Department of Education) 2006 ~ 2007

Responsible for creating and implementing application layout, graphic design, logo and user interface. Directed activities of student workers and multiple contractors. Prepared online assets for presentation to client during demonstrations. Gathered feedback from client and implemented suggestions into user interface and application features.

Cook School District: Teaching and Learning Simulation 2005 ~ 2008

Responsible for simulation logo, graphic design, layout and navigation system. Coded simulation, assessment scoring algorithms and secure administration area using PHP, HTML, JavaScript, CSS and AJAX. Managed the activities of a student worker and additional TRI employee.

<http://cook.wou.edu>

PUBLICATIONS

- Girod, G., **Denton, J.**, & Girod, Mark (2007). Lessons Learned Modeling "Connecting Teaching and Learning", *Games and Simulations in Online Learning* (pp. 206-222). Hershey, PA: Information Science Publishing.

PRESENTATIONS

- *The NCDB Network Configuration and Resources* National Deaf-blind Summit, July 2016, Washington D.C.
- *What is the TRI Technology and Information Management Services Center?* TRI All-Staff Meeting, September 2016, Western Oregon University, Monmouth, Oregon.
- *Caring for Mobile Technology in the Workplace* TRI Bagels and Bytes Professional Development Series, November 2015, Western Oregon University, Monmouth, Oregon.
- *Developing an Online Professional Portfolio* TRI Bagels and Bytes Professional Development Series, February 2014, Western Oregon University, Monmouth, Oregon.
- *Demonstration of Web-Based Contact Management System.* February, 2008 Providence Hospital, Portland, Oregon.
- *Introduction of New TRI Brochure Designs.* TRI all-staff meeting, September, 2006 Western Oregon University, Monmouth, Oregon.
- *Demonstration of the TRI Workgroup Intranet.* September 2005, Monmouth, Oregon.
- *Demonstration of New Feature in the OregonAbility.org Website.* May 5, 2005 OrPTI Building Futures Conference, Bend, Oregon.
- *User Interface Enhancements for the Cook School District Simulation.* TaPS Session, July 2005, Portland, Oregon.
- *Demonstration of the OregonAbility.org Website.* August, 2005 Portland, Oregon.
- *Simple Graphic Design Principles for Word Documents.* December 12, 2004, Western Oregon University, Monmouth Oregon.
- *Using the StudioConnect Online Service to Manage Your Studio and Clients.* May 2004, Portland chapter of the PPA (Professional Photographers of America), Portland, Oregon.
- *Wringing Big Value from a Small Business Website.* October 2003, LeTip Business Group, Salem Chapter, Salem, Oregon.
- *Tips for Hiring a Good Website Designer.* June 2003, LeTip Business Group, Salem Chapter, Salem, Oregon.

SERVICE TO TRI & COMMUNITY

- 2014 ~ Present: Founding member of Bagels and Bites, TRI's internal professional development initiative.
- 2014 ~ 2015: Member of the TRI website development committee.
- 2012 ~ Present: Member of the NCDB website development committee.
- 2011 ~ 2012: Participant in the WOU University Computing Department SCRUM meetings.
- 2005 ~ 2008: Founding member of The Research Institute Technology Committee.

PROFESSIONAL DEVELOPMENT

- October 2014 & October 2015. Delight - A unique gathering of designers, technologists and businesses that care about creating experiences people love.
- May 2008. Webvisions – Visionary Web Conference: Portland, OR.
- July 2007. Adobe Integrated Runtime seminar: Portland, OR.
- 2004-2008. Development of several public web-based applications to improve, test and showcase development skills. 2004-2008. Examples include <http://www.MyCPOhq.com>
<http://www.StuffSafe.com>.

EDUCATION

California State University, Chico: 1995–1998

Major: Electrical Engineering