

# Justin Winslow

UI Designer/Developer

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## Summary

I am a dual proficiency developer and designer experienced in the design and implementation of projects from small websites to large scale web applications and am interested in a lead position where I can guide the direction and success of interesting client applications.

## Experience

### Lead Interface Designer/Developer

Draker [www.drakerenergy.com](http://www.drakerenergy.com)

Austin, TX | August 2012 to Present

- Major refactor of 10 year old legacy **Rails** application including moving entirety of frontend to use **Require.js**, improving deployment process and updating components to be i18n compatible.
- Merged functionality of original Solar Power Technologies Intelligent Array software and the legacy Draker Sentalis product on an incredibly tight timeline - less than a month - to be ready for an international solar conference.
- Ground up rebuild of flagship product moving to a service oriented architecture and single page client side application. The application is built with **Backbone.js** and Marionette for layout and event management sitting atop a **Node.js** backend for session management and a more unified API design to handle proxying to the various other silo'd services.
- Took charge of server management on **EC2** using **Nginx** to proxy requests to the Node server and serve static assets and automated application deployment with **git** post-receive hooks to push new code and run the build process.
- Challenges have included coordinating efforts between Austin and Vermont developers. This made effective modularization of the new software crucial to optimize workflow and ease of collaboration. We've also had to respond to rapidly changing priorities and directions as avenues for revenue have presented themselves.

## Lead Interface Designer/Developer

Solar Power Technologies [www.spowertech.com](http://www.spowertech.com)

Austin, Texas | May 2011 to August 2012

- With a team of 3 developers, built an industry leading solar array monitoring software from the ground up in less than 1 year
- Responsibilities included user interface design and development for an **HTML5** application built upon a **Python** backend with a focus on **HTML**, **CSS** and **Javascript**
- Specific development tasks included complete visual and interactive design, building a custom dependency management framework for asynchronously loading modules for use in the application, and the creation of custom modules for various types of charting, array status and a physical array mapping with heat-map/overlay functionality
- Challenges included typical start-up issues like continuously evolving objectives and scope, consuming and displaying incredible amounts of data in a way that makes sense to users, and building the system to flexibly manage solar arrays of wildly varying sizes and configurations

## User Experience Designer

SolarWinds [www.solarwinds.com](http://www.solarwinds.com)

Austin, Texas | December 2010 to May 2011

- Interface design for network management applications including components of SolarWinds' flagship software Orion
- Designed interfaces for a number of Windows applications including an SNMP Enabler, port mapper and Netflow analysis tool
- Worked with off-site developers to conceptualize and create solutions to overcome issues and limitations with development tools like **Windows Presentation Foundation**, **WinForms**, and **HTML/CSS**
- Created interface elements that were key in implementing Solarwinds' core product's internalization effort

## User Experience Designer

NIC [www.nicusa.com](http://www.nicusa.com)

Austin, Texas | May 2010 to November 2010

- Developed the web portal for the state of Texas, Texas.gov, including the creation of **SharePoint** master pages and page layouts
- Participated in a remediation project to re-brand Texas State applications and bring

them up to current accessibility standards

- Redeveloped the Texas.gov application template to be mobile ready with the use of new **responsive HTML5** and **CSS3** techniques
- Created a number of reusable and flexible interface elements to deploy across Texas applications using **HTML**, **CSS** and **Javascript/jQuery**

## User Interface Analyst – Designer

USAA [www.usaa.com](http://www.usaa.com)

San Antonio, Texas | September 2007 to May 2010

- Aided in house marketing team in developing promotional emails, landing pages, banners and other multimedia advertising initiatives
- Redesigned USAA's online career center to create an effortless experience for future candidates
- Brought 3rd party development of e-mail marketing in house saving \$300,000 per year
- Worked as lead designer for marketing Newsletters maintaining 30+% open rate and 7+% click through for 60,000+ recipients (industry average for 2009 was 19% and 3% respectively)
- Created a **CSS** frame work for handling styling of accent images saving 10GB of weekly data transfer for the My Accounts page alone
- Developed concepts for the future of on-line financial transactions including the future of auto acquisition which became a \$26 million project
- Worked directly with product managers to create interfaces for on-line product acquisition and account maintenance

## Education

Duquesne University, Pittsburgh, Pennsylvania  
Bachelor of Music Technology/Sound Recording  
August 2003 to May 2007  
3.7 GPA on 4.0 scale