

SCOTT M. McDANIEL

scott@scottmcd.net • 301.787.6729 • www.scottmcd.net

Objective **To design and implement elegant web applications – elegant code, interaction, information, and graphics.**

- Experience**
- Kelly & Associates** User Experience Strategist 2013 – present
Design and develop web applications for insurance and employee benefit management. I use HTML, CSS, JavaScript, Angular JS, jQuery, and ASP.NET to design and implement web applications. Other tasks include style and pattern libraries, usability testing, and user-centered design practices.
- Design for Context** User Experience Strategist 2012 – 2013
Implemented an interaction design pattern library in Drupal, and administered the corporate site. Designed wireframes and interaction using Agile for the USPTO's Trademark Next Generation system, focusing on complex searching and workflow.
- Genetic Alliance** Director of Web Projects 2011 – 2012
Managed and coded over 10 web properties for a health non-profit, many of them Drupal installations. I introduced the concepts of semantic markup and CSS, mentoring junior developers in HTML, CSS, JavaScript, and Drupal. Also, I introduced wireframing and pattern libraries to the organization.
- Network Designers, Inc.** Interaction Designer 2010
Managed Agile web projects for the Federal Aviation Administration's Office of Communications. I performed user analysis, testing, and requirements definition in an Agile setting.
- NCBI / Lockheed Martin** Interaction Designer 2004 – 2010
Designed and developed applications in XSLT, XHTML, and CSS to query several databases and present patients with a range of medical resources. Also, I designed user interfaces for PubMed, Map Viewer, and other web applications for scientists, librarians, and physicians. The National Center for Biotechnology Information is part of the National Library of Medicine.
- Cognetics Corporation** Interaction Designer 2000 – 2004
Provided user-centered design services to clients. Typical duties included user and task analysis, conceptual and detailed interaction design, usability testing, product specifications, and project management. Clients included Reed-Elsevier, ADP, IRS, Freddie Mac, and the Library of Congress.
- SAIC, Inc.**
MIL 3, Inc.
- Garcia Consulting, Inc.** Technical Writer 1994 – 2000
Wrote documentation for patent examiners, network engineers, system administrators, and government grant systems.

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Skills

HTML
CSS
JavaScript
Angular JS
jQuery
PHP
*NIX
XSLT
Analytics

Drupal
Wordpress
Eclipse
Subversion
Dreamweaver
Photoshop
Illustrator
Visio & Omnigraffle

Product Vision
Audience Analysis
Requirements
Conceptual Design
Usability Testing
Specifications
Graphic Design
Pattern Libraries

Associations

Society for Technical Communication

Founder, Washington DC Chapter Usability Special Interest Group

Usability Professionals Association (now User Experience Professionals Association)

Vice President, Washington DC Chapter 2002 - 2003

Education

BS in Psychology, James Madison University

MA in Experimental Psychology, University of Rochester

Samples

Genes in Life

<http://www.genesinlife.org>

Baby's First Test

<http://www.babysfirsttest.org>

Genetic Alliance

<http://www.geneticalliance.org>

NCBI Patient Resources

<http://www.ncbi.nlm.nih.gov/sites/ga?disorder=Cystic%20Fibrosis>

Writing & Presentations

The Broken Pattern

<http://tinyurl.com/abge8bl> (slideshare.net)

Ideas Made of Light

<http://www.scottmcd.net/artanalysis>

The Big Dig

<http://www.scottmcd.net/pubs/bigdig.pdf>

A Heuristic Evaluation

<http://www.stcsig.org/usability/resources/infants.html>

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