

JEFFERY T. DERNBACH

Redmond, Washington 98052
jdernbach@live.com

713-927-8286
<http://www.jefferydernbach.com>

Summary:

Information technology professional focusing on human computer interaction, web accessibility, cognitive user interaction analysis, and user-centered design.

Qualifications:

- 7+ years experience designing and creating user experiences from information architecture to hi-fidelity mockups.
- Designed and developed user interface for a large web application project allowing doctors and researches to electronically apply to M. D. Anderson Cancer Center.
- Designed and developed interactive corporate eLearning training programs using Photoshop, Flash and JavaScript for the web involving industrial, medical, and contemporary business issues.
- Creating interactive prototypes in Silverlight using Blend, Sketchflow, and C#.
- Documented design requirements and development specifications based on business requirements identified by product owners and managers to plan and develop user experiences

Computer Skills:

Photoshop, Fireworks, Illustrator, Expression Blend, Expression Design, After Effects, CSS, (X)HTML, Silverlight, WPF, XAML, AJAX, XML, Google API, Flash Action Script 2.0, PHP, ASP, C# .NET, T-SQL, MS SQL, MySQL, Visio, Swift 3D, Media Cleaner, Final Cut Pro, Visio, Windows, Mac OS, UNIX, TFS

Work Experience:

UI/UX Product Designer

5/2008 – Present

Aquent, LLC at Microsoft (a- contract), Redmond, Washington

- Developed Silverlight/Blend prototypes for User Research Studies for BPOS - CRUX Team
- Designed UI/UX features and improvements for Microsoft's System Center Operations Manager
- Developed wire frames, prototypes, and high fidelity compositions based on functional specs and helped write design specs for PM/Dev/Test disciplines
- Created reports on end user usage statistics to aid in feature and design decisions

Program Manager

8/2007 – 4/2008

Compucom Excell at Microsoft (a- contract), Redmond, Washington

- Planned and managed projects as part of the Health and Lifestyle Publishing Group to innovate new web experiences and increase business value.
- Collaborated with product owners to develop and rank product backlogs and distill work items from user stories for sprint iterations using Scrum (Agile Project Management) methodology
- Wrote functional specifications, user flow diagrams, and wire frames to assist the Engineering team in developing web features that follow project requirements and acceptance criteria.

Work Experience Continued:**User Interface Design Specialist/ Business System Analyst****12/2006 – 7/2007**

M. D. Anderson Cancer Center (contract), Houston, Texas

- Planned and designed a flagship web application: system analysis, wire framing, developing interactive prototypes and UI design to address core institution business requirements.
- Developed technical and functional design specifications for programmers to ensure business logic follows project requirements and complies with w3c accessibility guidelines
- Engineered C# .NET controls to insure HTML/CSS renders to WCAG, w3c standards code

eLearning User Interface Design/Programmer Specialist**2/2006 – 11/2006**

Exxon Mobil Corporation (contract), Houston, Texas

- Developed storyboards, wire frames, graphics, and user experience for instructional courseware
- Programmed and designed eLearning and LMS systems using Flash Action Script 2.0
- Used web technologies to create data-driven web sites: AJAX, DOM scripting, CSS, RSS, XHTML
- Estimated and scoped projects including tracking production time and cost

Chief Internet Architect/Graphic Designer**3/2005 – 2/2006**

MultiplePath Communications Inc., Houston, Texas

- Designed marketing and creative promotional material using Photoshop, Illustrator
- Developed web applications using Flash Action Script 2.0, ASP, C#.NET, SQL, T-SQL

Adjunct Faculty/Instructor**9/2004 – 12/2006**

Houston Community College System/Digital Communications Department, Houston, Texas

- Taught ARTV 2301 – Interactive Design - user interface design and animation with Flash
- Taught and developed curriculum IMED 2313 – Project Analysis and Design
- Taught ITSC 1313 – Internet/Web Development (hand code XHTML, CSS, UI development)
- Taught ITSE 1306 – PHP: Hypertext Preprocessor
- Taught ARTC 1302 – Adobe Photoshop
- Taught ARTC 1305 – Basic Graphic Design

Animation/Interaction Design Specialist**10/2002 – 9/2003**

Rice University – Center for Technology in Teaching and Learning, Houston, Texas

- Designed user experience for online science-based games
- Assisted in the development of game story, characters, and storyboards
- Conducted usability and functionality testing with end users and stakeholders
- Programmed Flash modules using Action Script 2.0

Lead Programmer**3/2001 – 10/2002**

Ecarddirect, Inc., Rochester, New York

- Led team of developers and delegated programming projects
- Planned and designed Business-to-Business and Business-to-Client CD ROMs
- Programmed interactive media using Director, Flash Action Script 1.0, After Effects
- Developed e-commerce websites using Flash, HTML, JavaScript, CSS, PHP, MySQL
- Collaborated in developing scripts and storyboards for interactive media projects

Education:Rochester Institute of Technology, Rochester, New York 5/01

Bachelor of Science in Information Technology, HCI - New Media, Sequence