Ryan Hemphill

Sr. UX / Accessibility Designer — Boston, MA

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Soft Skills

Graphics

- Experience with Logo/Branding/Identity
- Typography Implementation in Print and Web
- Photo Editing/Image-Processing
- Art Skills: Sketching/Painting/Sculpture

Design/Dev Process

- Storyboarding with Contextual Inquiry Model
- Quick UI/UX Paper-based design/dev
- Strong UX implementation on projects having highly complex requirements
- Agile process environment background

Communication/Leadership

- Proven Teaching and Instruction Experience
- Online Thought-Leadership among peers
- Engaging Written and Oral Skills across many mediums: documentation, expression of complex parardigms, and storytelling
- Project leadership in professional & personal projects
- Excellent at Brainstorm Sessions for difficult UX/UI challenges

Hard Skills

Software Experience

- Photoshop/Illustrator/Fireworks
- Corel Painter
- Sublime/Eclipse/Dreamweaver
- GitHub (Command line)
- Confluence/Atlassian (Agile Method)

...also learning:

- Blender (3D), InDesign

Coding Skills/Libraries

Skill	some	moderate	advanced	expert
HTML/HTML5	■	■	■	■
CSS/CS3	■	■	■	▨
WCAG 2.0/WAI-ARIA	■	■	■	■
JavaScript	■	■	▨	▨
jQuery/jQueryUI	■	■	■	▨
GSAP (Greensock)	■	■	▨	▨
Sass/Less	■	■	▨	▨

...also learning:

- Node.JS/PostCSS (Node Library)
- PHP for WordPress/plugins + canvas animation
- WhatSock.JS (low-level a11y library)

Education / Certifications / Associations

Core Education:

- *BS in Biology, Fine Arts Minor (Ursinus College)*

Basic Certifications:

- JavaScript (+RegEx/History API certs), GitHub, WordPress/Genesis/MAMP, Typography, NodeJS (novice)

Associations:

- W3C Silver Taskforce (WCAG)
- LinkedIn: Accessibility Innovators
- former Pres. of Toastmasters Groups

Recent Projects of Note:

ChromaFocus (accessibility color analytics dashboard)

"Hue-Contrast" Heuristic (planned WCAG proposal)

DysTextify (typography prototype for reading disabilities)

What's Next???

Web Comics Plugin (multilingual/accessible)

CAS (ask for details)

Company *(project)*	Role

LambdaZen *(ConceptJS Project)* Senior UX / Information Architect, contractor

Boston, MA (Burlington) — 2014

Tasked with development of a UI strategy for a web application platform that would convey a new development approach, based on the math principles behind Lambda Calculus. While the product's primary user-target was programmers, an approach that might help adventurous web designers and others participate was also desired, which meant providing means to bridge that cognitive divide. Developed a "visual language" webfont library for the UI which turned key ideas like "Concepts" and "Lambda Properties" into more relatable and recognizable features.

Cengage Learning *(MindTap)* Senior UX Designer / UX Researcher

Boston, MA — 2010 - 2013

Worked across several teams to introduce accessibility awareness and user experience strategies. Invented accessibility solutions and design patterns that could be leveraged on enterprise level. Defined QA performance testing for screen readers, mentored teams, and created passive training systems to continue education. Lead role in major accessibility tasks for MindTap platform.

NOTEBOOK "MINDAPP" UI
Participated in the design and creation of the 'NoteBook App' of MindTap, a product integrated into the MindTap platform including HTML5 highlighting techniques and contextual relationships between the textbook and a notebook.

ACCESSIBILITY EVANGELIST
Spoke on RIA education on accessibility, defining the wide scope of Screen Reader issues as well as design requirements. Provided live demonstrations of problems at lunch-and-learns. Created an accessibility QA resource (PC) that provided all the software and investigative tools necessary to help teams develop their education further.

Janney Montgomery Scott Web Designer / UX Researcher

Philadelphia, PA — 2008 - 2010

Determined company portal template and information architecture strategy based on Contextual Inquiry user studies of critical users. Responsible for design/development support of company and client-side portals. Developed a UI design and IA standard across all web applications. Maintained usability 'liaison' role for Financial Advisors (critical users) and other business units. Lead internal IT projects, portal initiatives and UI standards.

FINANCIAL CONSULTANT DASHBOARD / FORM-BASED APPS REDESIGN.
Created a standardized UI design and information architecture for entire dashboard application. Continuous usability testing throughout development insured a well-received first release. Developed a new UI template and requirements document for all form-based applications.

GOOGLE SEARCH APPLIANCE IMPLEMENTATION
Project Lead for implementation and development of appliance, integrating the search into portal architecture and adding custom functionality for increased usability. Development provided a critical strategy to the SharePoint migration rollout.

Company *(project)*	Role

Janney Montgomery Scott
Web Designer / UX Researcher

Philadelphia, PA — 2008 - 2010 (con't)

JANNEY.COM REDESIGN
Worked with marketing department to develop a UI and Information Architecture standards for redesign, worked closely with off-site development teams for release and ongoing design/development per business/client requests.

LEAD FOR SHAREPOINT DESIGN/DEVELOPMENT AND MIGRATION/ROLLOUT:
Proposed alternative strategy for expected migration to SharePoint as the new business portal software, avoiding the management and usability challenges of the new technology. Implementation included carefully selected and developed custom portal widgets for IA and navigation purposes, as well as integration of the Google Search Appliance with customizations to reflect the portal's expected layout. Implementation reduced frustration and IT Help Desk support calls.

InterBay Funding, LLC.
Portal Manager / Web Designer

Fort Washington, PA — 2007 - 2008

Handled enterprise-level strategy for user interface design and development of business-to-business software. Strong familiarity with Oracle Portal, used extensively by the internal business units. Provided UI project design and standards: wireframes/mockups, storyboards/narratives, design specifications. Project lead for multiple design releases, requiring strategic partnerships with department managers, subject matter experts, and test users to improve strategies and usability testing. Conducted regular usability testing on applications, pre and post-release. Provided strategy and branding to promote successful release of new applications.

"THE WIZARD"
Acting Project Lead and Designer, performing the design and implementation of a document management system, providing highly navigable documents that referenced contextually related documents as well as mapping the historical progression of the documentation itself for research purposes - a critical feature. The project required user studies and training of multiple business groups, as well as the training of a system manager to maintain/organize the ongoing development of the product's documentation. Coordinated Development, QA training and testing. Success with the project resulted in two more requested implementations for business areas with similar needs.

Older Work History of note...

Web Design/Dev Consultant, Stackpole and Partners, LLC. (Marketing Firm)
Newburyport, MA — 2001 - 2005

Web Design/Dev Consultant, VantageLabs, LLC. (Financial Risk Assessments)
Topsfield, MA — 2002 - 2004

Web Design Consultant, Dunkin' Donuts (Branding for Web Products)
Burlington, MA — 2001 - 2003

Web Designer, TVisions, now known as Molecular (Staples site, before taken in-house)
Boston, MA — 1999 ~ 2000