

Summary

Preferring to work on projects requiring complex solutions, I have developed a broad range of skills. I have managed and executed projects pertaining to usability engineering, information architecture, data analysis, and information design.

When working in teams I often serve as a project manager or team strategist. I think big picture and enjoy high stakes, conceptual work. I also enjoy technical work. I have created simple web applications serviced by a relational database using PHP and MySQL. I have designed effective data workflows in XML using XSD, and XSLT. In sum, my interests reside at the intersection of the arts and sciences. I bring an analytic mindset and strong aesthetic sense to bear in all my endeavors.

Education

School of Information, University of Texas at Austin, Austin, Texas

Ph.D. focus in Multimedia Digital Libraries

Anticipated graduation 2013

IMLS Cultivating Digital Library Faculty grant awardee

M.S.I.S. focus in Information Architecture

Anticipated graduation December 2009

Billie Grace Herring scholarship recipient 2007

University of Central Oklahoma, Edmond, Oklahoma

B.A. in Philosophy May 2007

Philosophy Outstanding Student Award, Dean's List, French Department Outstanding Student Award

Active Research Projects

MultiTouch Interaction and Multimedia Collection Interfaces (August 2009 – present)

Four ongoing research projects typify my research interest in multitouch computing environments and multimedia collections. These include a directed research project building a feature film digital library, a multitouch information kiosk for browsing event information from three social networks, a multitouch table work space to facilitate the work on group analysis of a document corpus, and a report on the state of research on multitouch computing interfaces for museum contexts. Refer to my website for full project description and work documents.

Professional Affiliations

Museum Computer Network 2008-2009

Association of Computing Machinery 2009-2010

American Society for Information Science and
Technology member 2009-2010

Work Experience

Web Strategy Consulting – LBJ Presidential Library and Museum (March 2009 – present)

- Create and document strategic vision to overhaul current website.
- Coordinate with library and museum management to plan, fund, and promote new strategy.
- Conduct heuristic analysis of current website.
- Work with content experts to create a customized user experiences.
- Establish plans for a new web architecture and institutional repository.

Teaching Assistant – Information Technology Lab (January 2008 – May 2009)

- Develop instruction in variety of formats (lecture, activities, and group work).
- Specialties of Instruction include:
 - Adobe CS3 (Illustrator, Flash)
 - Wiki Installation and management (MediaWiki)
 - Information Architecture diagramming software (OmniGraffle, Visio)
 - Web authoring and file management

Intern – Archives of American Art, Smithsonian Institution (July – August 2008)

- Conducted extensive evaluation website's usability, using heuristics and usability test data.
- Composed usability strategy report for AAA management.
- Designed advanced search interface that services a faceted search of relational databases for use with an implementation of the Google search appliance.
- Authored widely distributed survey and provide data analysis on results.
- Created Flickr comment-response processing workflow for Smithsonian Photography Initiative to facilitate the management of Smithsonian Volunteer efforts.

Intern – Luna Imaging Incorporated (May – September 2008)

- Developed usability engineering lifecycle for integration into existing software development cycle.
- Built a baseline of user research using user profiles, and personas.
- Conducted numerous interviews with company clients.
- Wrote, distribute and analyze the results of numerous survey instruments.
- Recruited, wrote, conducted and analyzed a structured usability test of LUNA application.

Technologies

Web Authoring: XHTML, HTML, CSS,

Web Development: PHP, MySQL, jQuery

Data Transformation: XML, XSLT, XSD, DTD, RDF

Content Management: Drupal, Content DM

Adobe CS3: Illustrator, Flash, Photoshop, InDesign

Diagrammatic Software: OmniGraffle 5, Visio 07'

Productivity Software suites: Office 07', iWork 09'

Oxygen 9 XML editor

R Statistical Software Package

MediaWiki