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JULIET L. HARDESTY

EXPERIENCE

User Interface Design Specialist (November 2007 – present), Digital Library Program, University Information Technology Services, Indiana University
<http://www.dlib.indiana.edu>

- Design interfaces for Digital Library Program (DLP) collections using current web standards (**XHTML Strict 1.0** with **CSS** and **JavaScript** incorporated into a **JAVA Struts** environment). Ensure accessible functionality by following semantic HTML guidelines. Conduct usability studies to guide design and functionality of DLP applications and assess usability of applications as they are in development.

Co-Director (May 2005 – May 2009), Your Art Here, Bloomington, Indiana
<http://yourartthere.org>

- Co-directed an Indiana-based non-profit public arts organization, Your Art Here. Duties included administrative management (budget/finances, strategic planning, fundraising), coordinating existing projects, and developing new projects and collaborations to further the organization's mission.

Systems Analyst/Programmer (October 2002 – November 2007), Library Information Systems, University Information Technology Services, Indiana University
<http://www.iucat.iu.edu> (IUCAT – IU's online library catalog)
<http://www.onesearch.iu.edu> (OneSearch @IU)
<http://www.libraries.iub.edu> (Indiana University Bloomington Libraries' web site)

- Worked with a team of programmers and librarians to develop and maintain the Indiana University Libraries' online library catalog (IUCAT), federated searching product OneSearch @IU, and the Indiana University Bloomington Libraries' web site, Content Manager (password-protected), and Intranet (password-protected). Duties include programming (**PHP** with **MySQL**, **PERL**, **Sirsi Unicorn code**, **XML/XSLT**, **CSS**, **JavaScript**, **HTML**), debugging, usability testing, planning and design, training, and coordinating work of development groups.

Systems Analyst/Programmer (May 2001 – October 2002), Oncourse, University Information Technology Services, Indiana University
<http://oncourse.iu.edu>

- Developed and maintained Oncourse (original version), Indiana University's online course management system. Duties included programming (**ASP** with **Microsoft SQL Server**, **PERL**, **CSS**, **JavaScript**, **HTML**), debugging, usability testing, planning and design, and training.

Web Programmer/Designer (May 2000 – May 2001), Departmental Information Systems, University Information Technology Services, Indiana University
<http://www.indiana.edu/~dms/dis.html>

- Built custom web applications for Indiana University departments in Bloomington and Indianapolis. Duties included meeting with clients, developing specifications and designs, programming (**ASP** with **Microsoft SQL Server/Access/Oracle**, **CSS**, **JavaScript**, **HTML**), and debugging.

Imaging Technician (August 1998 to September 2000), E. Lingle Craig Preservation Laboratory and Digital Library Program, Wells Library, Indiana University

<http://www.libraries.iub.edu/index.php?pageId=289> (E. Lingle Craig Preservation Laboratory)

<http://www.dlib.indiana.edu> (Indiana University Digital Library Program)

- Digitized photographs, sheet music, correspondence, and film for grant-funded Digital Library project to digitize all Indiana University archives associated with Hoagy Carmichael. Created web pages of guidelines and procedures for digitizing the collection and conducted usability testing. Digitized brittle books for Preservation Laboratory and trained and supervised 2 hourly staff.

EDUCATION

Master of Information Science (May 2006), Indiana University

- Emphasis on information retrieval, programming, and user-centered design. Received Frances Eleanor Hammitt Scholarship, May 2006.

Master of Arts in Art History (September 1999), Indiana University

- Emphasis on Modern American art.

Bachelor of Arts in Art History with Honors (May 1997), Indiana University

- Minor in Business. Named to Deans List every semester. Phi Beta Kappa and Golden Key National Honor Society member.

PROFESSIONAL TRAINING

CHI (April 2009)

Association for Computing Machinery Special Interest Group on Computer-Human Interaction (ACM SIGCHI), Boston, Massachusetts

Intensive Introduction to TEI (February 2009)

Women Writers Project, Bloomington, Indiana

DLF Fall Forum (November 2008)

Digital Library Federation, Providence, Rhode Island

PHPltek (May 2007)

phplarchitect, Rosemont, Illinois

University Information Systems Training: Java STRUTS (April 2006)

Systems Integration Team, Indiana University

Advanced PHP Programming with MySQL (November 2005)

Open Technology Group, Bloomington, Indiana

Presenting Data and Information (October 2003)

Edward Tufte, Indianapolis, Indiana

UIE Roadshow (June 2003)

User Interface Engineering, Chicago, Illinois

PRESENTATIONS

“Mobile Interaction Design: From CHI to IU.” (September 30, 2009)

Co-presented with Sarah Schmiechen, Programmer/Analyst, Digital Library Program. Digital Library Program Brown Bag Lunch, Indiana University.

“What You See Isn’t always What everYone Gets: Web Accessibility at IU.” (March 11, 2009)

Co-presented with Margaret Londergan, Manager, Adaptive Technology Centers. Digital Library Program Brown Bag Lunch, Indiana University.

“IUCAT and Library Website Update.” (December 6, 2006)

Digital Library Program Brown Bag Lunch, Indiana University.

“Transitioning to the New Website.” (October 2 & 4, 2006)

Co-presented with IUB Libraries’ Web Team, Open Forum, Indiana University.

“Putting It All Together: Strategies for Implementing Metasearching Products.” (March 7, 2006)

Co-presented with Phyllis Davidson, Interim Assistant Dean of Digital & Information Services, Indiana University. Sirsi SuperConference 2006, Nashville, Tennessee.

“The Method and the Madness: Introducing a New Service to the Online Catalog.” (February 27, 2005) Sirsi SuperConference 2005, Nashville, Tennessee.

“The Method and the Madness: Introducing Request Delivery to IUCAT.” (January 14, 2005)

Digital Library Program Brown Bag Lunch, Indiana University.

“Power to the People: The IUB Libraries’ Digital Asset Management System.” (October 9, 2004)

Co-presented with Doug Ryner, Web Administrator and Tadas Paegle, Lead Programmer, IUB Libraries’ web site. Library Information Technology Association (LITA) National Forum 2004, St. Louis, Missouri.

PUBLICATIONS

Dalmau, Michelle and Juliet L. Hardesty. “Transaction Logs Analysis: Revealing Usage Patterns to Improve Interaction with Online Library Resources.” *Making Library Websites Usable*. Eds. Thomas Lehman and Terry Nikkel. New York: Neal-Schuman Publishers, Inc., 2008. 61-76.

SERVICE

IUB Libraries’ Web Team, October 2002 – November 2007 – made decisions and plans regarding the IUB Libraries’ web site, Content Manager, and Intranet; served on Web Team Usability Subteam and as Chair for Web Team Site Admin Subteam

Unicorn OPAC Working Group, October 2002 – November 2007 – made decisions and plans regarding features and interface design of IUCAT (IU’s online library catalog)

Unicorn Tech Group, October 2002 – November 2007 – made decisions and plans for upgrading and other technological concerns for IUCAT (IU’s online library catalog)

Federated Searching Task Force, May 2004 – February 2006 – evaluated federated search products; Sirsi’s SingleSearch chosen and implemented; committee disbanded in February 2006

Usability Working Group, joined May 2006 - informs, facilitates and promotes usability and accessibility initiatives for online library services provided by the Bloomington Libraries in support of teaching, learning and research – served as Chair since January 2009

Indiana University Librarians Association (InULA), Programming and Social Committee, joined October 2006 – served as Chair since October 2007

Beta Phi Mu – Chi Chapter, joined April 2007 – International Library and Information Studies Honor Society, served as Treasurer for local Chi Chapter September 2007 – November 2009

Indiana University Web Advisory Committee – Accessibility Standards Subcommittee – joined April 2007 – creates recommendations for web sites at Indiana University to meet basic requirements for accessibility

PROFESSIONAL AFFILIATIONS

Indiana University Librarians Association (InULA), joined October 2006

Beta Phi Mu – Chi Chapter, joined April 2007

Association for Computing Machinery (ACM), joined May 2008