

DOUGLAS HEINTZ

Information Designer - Project Manager - Digital Librarian

Tel. +1 217 778 5050

mail@douglasheintz.net

Portfolio www.douglasheintz.net

EDUCATION

Master of Science in Library and Information Science (May 2017; Expected)

University of Illinois at Urbana-Champaign, Urbana, Illinois, United States

- Focus in Metadata, Digital curation, and Digital Libraries

Bachelor of Arts in Liberal Arts and Sciences (May 2007)

University of Illinois at Urbana-Champaign, Urbana, Illinois, United States

- Major in Russian Language and Literature

University of New South Wales, Sydney, Australia (2002-2004)

- Majors in the History and Philosophy of Science and Russian Studies

Intensive Russian Language Study

Indiana University (2005), Novosibirsk State University (2004), Saint Petersburg State University (2000-2001)

High School Diploma (2000)

Illinois Mathematics and Science Academy, Aurora, Illinois, United States

PROFESSIONAL EXPERIENCE

Graduate Assistant, Physical Sciences and Engineering Division

Grainger Engineering Library Information Center, University of Illinois at Urbana-Champaign

June 2016 – Present

- Lead team of 12 GAs on an enterprise-scale CMS conversion to WordPress
- Assisted in research on federated searching user behavior and professional scientific ethics
- Provided reference and information services to users in person and online
- Developed and updated finding aids and other materials to assist users in their research

Teaching Assistant, Online Programs

School of Information Sciences, University of Illinois at Urbana-Champaign

January 2016 – June 2016

- Assisted instructors in the preparation of materials for online delivery
- Developed eLearning modules in Moodle and PHP

Assistant Director of Donor Relations and Annual Giving

College of Engineering, University of Illinois at Urbana-Champaign

September 2013 – January 2016

- Designed and deployed information management tools and strategies that automated business practices, closed service gaps, and resulted in donor retention increase of 15%
- Managed a portfolio of communications projects and outreach events to connect donors with the university
- Lead projects for positive change at the institutional level including working to develop a standards-based approach and acting as a subject matter expert and design team member for a complex enterprise CRM deployment

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Executive Assistant

University Library University of Illinois at Urbana-Champaign

October 2011 – September 2013

- Managed the professional activities of senior library executives
- Acted as unit webmaster; deployed custom web solutions to address business needs
- Compiled and edited confidential proposals, planning documents, and reports, requiring significant discretion and sophisticated analysis

Assistant Manager

Panera Bread, Champaign, Illinois

May 2009 – September 2011

- Managed finances and a staff of 30 in a busy restaurant

HONORS

Experimental Nuclear Magnetic Resonance Conference Student Travel Stipend (2017)

Foreign Language and Area Studies Fellow, Department of Education, University of Illinois (2008)

Elected, Dobro Slovo, National Slavic Studies Honor Society (2007)

Social Science Research Council Summer Fellow, Indiana University (2005)

Scholar, SPIE, International Society for Optical Engineering (2000)

PUBLICATIONS AND RESEARCH CONTRIBUTIONS

Heintz, D. & Gryk, M. (2016). CONNJUR_ML: An XML Schema for NMR Reconstruction Workflows. Poster presentation at 58th Experimental Nuclear Magnetic Resonance Conference, Pacific Grove, CA.

Mischo, W., Schlembach, M., Heintz, D., & Graham, A. Revisiting the Use of Transaction Logs to Model User Searching Behaviours in an Academic Library Gateway. Manuscript in preparation.

(As UX Designer) Silvers, M. (2016). Dry Signals: Exploring the Drought in Northeastern Brazil Interactive digital exhibit at First Society of Ethnomusicology Sounding Board, Austin, TX.

(As citation editor) Stewart, W. (Ed.) et al., (2013), *Place-Based Conservation: Perspectives from Social Sciences*, Springer: Dordrecht, the Netherlands.

Heintz, D. (2001). Charles Townes: Laser legend. In J. A. Scheppler & L. M. Lederman (Eds.), *Portraits of Great American Scientists* (pp. 205-223). Prometheus Books: Amherst, NY.

SERVICE AT THE UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Senate Committee on the Library (2016-Present), University Senate

Ad-hoc Committee on Scholarship Information Management (2014-2015), Office of the Provost

Professional Practice Guidelines Working Group (2013-2015), Advancement

Engineering Advancement Council (2013-2015)

Director of Donor Relations Search Committee, (2014), Advancement

Art Director Search Committee, (2014), Advancement

Donor Stewardship Design and Implementation Team for CRM (2014-2015), University of Illinois Foundation

Library Staff Support Committee (2013), University Library

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TECHNICAL SKILLS

Markup and data exchange:

HTML/CSS, XML/XSLT, SVG, JSON, OAI-PMH, REST, SOAP

Metadata schemas and description frameworks:

Dublin Core, PREMIS, CDWA, RDF, EDM, CCO, MARC, MODS, METS, PBCORE, RDA

Metadata APIs

OCLC, Librarything, Open Library, Scopus, Pubmed, Amazon, PURE

Digital curation and digital forensics tools:

Oxygen XML Editor, Bit Curator, FITS, DROID, JHOVE

Programming and query languages:

Python, JavaScript, VBScript, SQL

Web programming paradigms and packages:

JQuery, Bootstrap, ASP

Relational databases:

MySQL, MSSQL, Access

Content management systems:

WordPress, Drupal, OpenCMS, Moodle

ILS system:

exLibris Voyager

Operating systems:

Windows, OSX, Linux, UNIX

HUMAN LANGUAGES

English – Native

Russian – Professional Competence