Jason A. Heppler, PhD

tech curriculum vitae

Digital Engagement Librarian
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Digital humanities scholar and developer with six years of experience in developing data science and digital publication solutions, consulting and collaborating on project design and implementation, as well as engaging in original research.

Education

PhD, History, University of Nebraska-Lincoln (2016)

MA, History, University of Nebraska-Lincoln (2009)

BA, History, South Dakota State University (2007)

Professional Experience

Digital Engagement Librarian, University of Nebraska at Omaha Libraries (2017–*present*)

Academic Technology Specialist, Department of History and Center for Interdisciplinary Digital Research (CIDR), Stanford University (2013–2016)

Research Staff, Center for Spatial and Textual Analysis (CESTA), Stanford University (2013–2016)

Project Manager, William F. Cody Archive, Center for Digital Research in the Humanities (CDRH), University of Nebraska-Lincoln (2011-2012)

Graduate Assistant, Department of History, Center for Digital Research in the Humanities (CDRH), University of Nebraska-Lincoln (2009-2011)

Selected Projects

Research Director, *American Indian Digital History Project* (2016–*present*). An Omeka exhibit of material on American Indian history. Served as a technical advisor in deciding on and setting up technical infrastructure, metadata design, and document digitization. Primary investigator: Kent Blansett.

Project Lead, *Mobile Digitization for Rural Community Archives*, Omaha, Nebraska (2017-*present*). With a grant from the LYRASIS Catalyst Fund, we initiated a program for a mobile digitization lab for working with rural community archives and Tribal Nations.

Technical Lead, *Chinese Railroad Workers in North America*, Stanford University (2013–2016). Served as a technical advisor and developer for a metadata management system, helped organized and curate nearly 10,000 digitized objects, and trained sixteen research assistants on metadata best practices and the platform used for collecting metadata. Primary investigators: Gordon Chang and Shelley Fischer Fishkin.

Service Team, Spotlight, Stanford, CA (2015–2016). Served on the Spotlight Service Team to evangelize Spotlight, work with researchers on creating and setting up exhibits, and provided feedback on the platform to the Spotlight team.

Consultant Developer, Bibliopedia, Stanford, CA (2014–2016). Served as a consultant and developer on the Drupal-based Bibliopedia platform to generating and exporting metadata for archival digitization projects.

Developer, Prussian Foodstuffs, Stanford, CA (2015–2016). An interactive visualization of archival consumption recoreds of the palace at KÃűnigsburg, Prussia, during the reign of Fredrich Wilhelm to explore changes in taste over time. Developed with JavaScript and d3.js.

Developer, Geography of the Post, Stanford, CA (2014–2015). An interactive visualization of the U.S. postal aystem in the nineteenth century, visualizing the spread of the postal network on its western periphery of over 14,000 post offices. Developed with JavaScript and d3.js.

Project manager, *William F. Cody Archive*, Center for Digital Research in the Humanities, University of Nebraska-Lincoln (2011–2013). Supervised two graduate student interns, maintained documentation on project milestones and reference material, worked closely with museum staff at the Buffalo Bill Center for the West, and helped organize nearly 24,000 digitized documents.

Select Grants and Fellowships

Library of Congress Teaching with Primary Sources Grant, awarded, $19,750.

Eugene and Sunny Thomas Fund, University of Nebraska at Omaha Libraries, University of Nebraska at Omaha, 2018, $5,500.

Faculty Research Grant, Charles W. & Mary Caldwell Martin Fund, University of Nebraska at Omaha, 2017, $725.

"Mobile Archives for Rural Communities," LYRASIS Catalyst Fund, University of Nebraska at Omaha, awarded, $5,500.

Technical Skills

- 4+ years expertise in R (data cleaning and reshaping; visualization; network, textual, and time-series analysis)

- Web development in JavaScript/D3.js (4 years), Shiny (2 years), and static-site development with Jekyll/Liquid (6+ years), Bootstrap (2 years)

- Database management (MySQL, SQLite & Postgres)

- Containerization with Docker

- Miscellanous data management utilities (e.g., regular expressions; jq; OpenRefine)

- Digital publishing (bookdown/knitr; pandoc; LATEX)

- Agile software engineering in a collaborative team (git & GitHub/GitLab; continuous integration; issue and milestone tracking) and remote work (GitHub; Zoom; Slack; Basecamp; Confluence)

- Web frameworks and content management systems including WordPress (8 years); Jekyll (6+ years); Omeka (6+ years); Drupal (2 years)

- Web/Markup Languages: XML, JSON, HTML, CSS, XSLT 1.0 and 2.0, TEI, LATEX

Find more information on publications, service, and teaching in my full curriculum vitae https://jasonheppler.org/files/jah-cv.pdf.