

Alexandra Johnson

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Education

University of Michigan, Master of Science in Information

[April/2014]

- **Specialization:** Archives and Records Management (GPA: 3.745)
- **Relevant Coursework:** Understanding Records and Archives: Principals and Practices; Preservation Administration; Web Archiving; Appraisal of Archives; Management of Electronic Records; Contextual Inquiry and Project Management; Networked Computing: Storage, Communication and Processing; Complex Website Design; Access Systems; Database Application Design; Application Platform Configuration; Application Platform Customization; Data Manipulation; Exploratory Data Analysis; Intellectual Property and Information Law;

Syracuse University, Bachelor of Arts in History

[May/2008]

- With Minor in Anthropology (GPA: 3.3)
- **Senior Seminar in History:** Collected research on the intentional community movement of the 1960's and 1970's, with a focus on several utopian societies. Composed a 28 page research paper titled "Twin Oaks: The Embodiment of Skinner Theory and Others Like It", and presented results to professor and peers.

Academic Projects

T³: Suggestions for Improvement in Communication for Law Library

[January/2012-April/2012]

- Team identified issues with communication practices for a local law library and made recommendations for future practice within the client organization. Analysis was made through interviews, interpretation sessions, and models of communication flow, along with the creation of an affinity wall to visualize the analysis. Generated a final project plan that represented the team's findings and subsequent recommendations.

Preservation Needs Assessment Survey, Donald Hall Collection

[January/2012-April/2012]

- Conducted a tour of the Donald Hall Collection located at the Buhr Shelving Facility in Ann Arbor. Participated in interviews with the librarian and a Risk Management Service representative to create a needs assessment survey for the portion of the collection housed in a freezer vault. Identified primary preservation concerns and made recommendations for improvement, as well as suggestions for future policy.

"Do Not Shine Bright" Web Application

[January/2013-April/2013]

- Conducted a semester long term project where an application was developed in small chunks and deployed using the Google App Engine development framework. Utilized the Python programming language, HTML/CSS, javascript, sessions, some jquery, static and template folders, as well as base extensions through the course of its development.

Drupal Project Website

[October/2013-December/2013]

- Semester long project where a conceptual website was created using the Drupal CMS platform. Utilized theming, views, forms, and the installation of relevant modules. Created own module that integrated with the Twitter API to tweet nodes.

Virtual ArchivesSpace Instance

[October/2013-December/2013]

- Team created a virtual ArchivesSpace repository using a real world sample of EAD, MARC, and CSV records. Conducted an evaluation of the system and wrote a report based on our results.

Visualizing World Maternal and Child Health Stats and US Aid

[January/2014 - February/2014]

- Manipulated two datasets, a comma separated value file from the World Bank and the API for foreignassistance.gov. Utilized python in order to process and visualize the correlation between US Aid with maternal and child health statistics, pointing to trends and commonalities with the data that was available.

Visualizing The Marvel Universe

[March/2014 – April/2014]

- Manipulated the Marvel API in python to create tab-separated datasets representing Marvel characters and their events, comics, series and stories appearances within the Marvel Universe. Used RStudio and the R programming languages to explore these datasets, creating several visualizations for analysis.

Experience

Washtenaw ID Project, Wordpress Build Consultant

[January/2015-April/2015]

- Worked alongside a small team of information architects and UX designers. Tasked with helping to redesign and build a non-profit's website using the Wordpress CMS, and migrating their content with a pending release of the final product to the public.

Stephen S. Clark Library, Library Assistant

[September/2013-May/2014]

- Assisted patrons at the Stephen S. Clark Library reference desk with their map, government information, and spatial and numeric data needs.

Society of American Archivists – University of Michigan Chapter, officer

[May/2013- May/2014]

Smithsonian Center for Folklife and Cultural Heritage

[May20/2013-August2/2013]

- Worked with the Moses and Frances Asch Collection scanning and describing materials using Adobe Photoshop and Adobe Bridge, utilized research when appropriate. Enhancement of intellectual control through the use of Archivist Toolkit and the collection's EAD finding aid. Helped develop spreadsheets using Steady schema.

Smithsonian Institution Archives

[March4-8/2013]

- Optimized PDFs of digitized content for the SIA's Fieldbook Project, which included diaries belonging to the David Crockett Graham Papers. Performed quality assurance, utilized access masters and excel spreadsheets, transferred images for better collection access, added optimized PDF file path names into XML finding aids.

Goold Health Systems, Data Capture Specialist

[December/2008-July/2012]

- Assisted in the storage, archiving and capturing of data. Services for the company were provided to meet the needs of state and local agencies, pharmacies, hospitals and other medical providers.

Alpha Phi Omega, Co-Educational Community Service Fraternity

[September/2005-May/2008]

- 28+ hours of community service per semester: volunteered during Girl Scout Badge Day, partook in Relay for Life and other humanitarian walks, participated in various street cleanups, assisted the elderly with recreational activities, and tutored refugee children.

Skills & Technology

- Programming: HTML/CSS, Python, PHP, SQL, XML, R
- Content: EAD, MARC, Drupal, Wordpress, ArchivesSpace, Archivist Toolkit