

Software Developer Software Developer Experienced Library and Software Technologist New York, NY Work Experience Software Developer Metropolitan NY Library Council April 2014 to June 2019

Software Developer, Metropolitan NY Library Council, NY, NY

- \* Was an engaged team member providing METRO sta and project partners with seamless access to the tools and systems they rely upon
- \* Acted as technology lead for the Empire State Digital Network, the NY State service hub for the Digital Public Library of America. Added more than k records to DPLA, making ESDN one of the largest service hubs in the DPLA system.
- \* Wrote XSLT transforms mapping partner metadata to DPLA Metadata Application Profile in preparation for ingestion into DPLA
- \* Worked with a wide variety of digital collections software packages including CONTENTdm, Collective Access, Islandora, Omeka, and others
- \* Worked with a wide range of metadata formats: MODS, DC, QualifiedDC, MARCXML
- \* Implemented technical infrastructure for partners across NY State including Repox aggregator software, Omeka digital collections software and Combine aggregator software
- \* Provided support in the DPLA hub community, offering technical and metadata assistance and support to hubs coming online
- \* Built Rails-based portal prototype for Empire State Digital Network based on Blacklight software connecting to the DPLA API
- \* Developer for <https://metro.org>, Jekyll based site hosted on Github Pages
- \* Integrated third-party services such as Eventbrite and Airtable into the METRO website
- \* Support technology implementations for METRO initiatives involving diverse software packages like Discourse message board software
- \* Built a Drupal site for the initial METRO Fellowship application process
- \* Provided systems support for <http://dcmny.org>, METRO's Islandora digital library site
- \* Provided support hours for METRO Islandora contracts

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Systems Librarian, The LuEsther T. Mertz Library, The New York Botanical Garden, Bronx, NY

- \* Directed the library's digitization program, brought over a million pages online over a year period
- \* Grew program from a single employee and project to a staff of five direct reports, managing multiple grant funded projects
- \* Promoted digitization program through the Garden's social media accounts
- \* Instituted technology plan for library including planned equipment and software upgrades and contingency planning
- \* Served as systems administrator for Innovative Sierra ILS; planned and implemented migration from Millennium
- \* Administered and planned sta software and hardware

upgrades \* Developed and maintained all Library web properties \* Acted as technical advisor and leader in Biodiversity Heritage Library, a global consortium of natural history libraries and museums digitizing biodiversity literature and making it globally accessible - -: CMS Engineer, MLB.com, NY, NY \* Served on team of engineers building internal content management system for use by sportswriters in the field \* Developed numerous utilities for data processing and analysis \* Developed tool for real-time import and web display of the major league draft and minor league statistics \* Worked with a wide range of programming languages and tools including Perl, SQL, Java Server Pages, XSLT - -: Senior Software Engineer, Oxygen Media, NY, NY \* Technical lead and developer for production teams creating websites \* Technical strategist and evaluation for rapidly growing cable network - -: Graphics Systems Programmer, The New York Times, NY, NY \* Designed and built an image processing system handling incoming images per day from a diverse number of inputs. \* Designed and built workflow automation tools enabling editorial department to select photographs for publication and archive them on an ongoing basis \* Provided software and hardware support for photo desk - -: Systems Engineer, MDY Advanced Technologies Fair Lawn, NJ \* Jack of all trades in systems integration company serving Wall Street law firms \* Developer on team building records management system utilizing Oracle products \* Data analysis and processing tools in C and Perl \* Developed company's initial website \* On site installation, software and hardware support for company's products Education Library and Information Science Columbia University - New York, NY B.A. in Comparative Literature Brown University - Providence, RI Skills Javascript, PHP, MySQL

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