# Derek C. Zoladz

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#### **EXPERIENCE**

Technology Specialist | Coordinator: Consortium of Ohio Libraries OhioNET 2016 - Present Columbus, Ohio

Project Coordinator: Consortium of Ohio Libraries (COOL)

Primary project coordinator for the Consortium of Ohio Libraries, 12 independent public libraries with a annual budget of \$125,000+, a bibliographic database of 525,000+ records, and a patron community of over 100,000 active members; Focus on open source solutions (Evergreen ILS, Hugo, Hemlock) in day-to-day library operations; Identify, investigate, report, and present on emerging library technology solutions; Key third-party technical liaison between vendor and client for all consortial projects; Established SIP2 integrations with Evergreen for Hoopla, Kanopy, OverDrive (Ohio Digital Library), and in partnership with OPLIN - the statewide deployment of Lynda.com to all Ohio public libraries; Maintain authority record quality control processes in partnership with Backstage Library Works; Implemented the OPAC redesign for the Arcanum Public Library and the Marvin Memorial Public Library, Coordinated all development, beta testing, and the release of an open source mobile app to replace the deprecated Boopsie product; Integrated NoveList Select catalog enrichment and On The Shelf (OTS) processing, including required customizations to Evergreen internals, automated record export scripts, remote FTP to EBSCO, and email file update notifications; Deeply instrumental in the initial data collection and grant writing to secure funding to migrate the Galion Public Library and the Bucyrus Public Library into the consortium; In partnership with Equinox Open Library Initiative, represented the consortium through two data migrations from TLC, and another from Polaris, into Evergreen; Jointly managed budget creation and service contract approvals/renewal for the consortium.

#### Network/Systems Administration

Built, configured, and administered a PureFTP server on AWS EC2 instance for the State Library of Ohio's (SLO) Ohio Digital Library, OhioLINK's MARC record exchange, and Ohio Private Academic Library's (OPAL) Sierra data exchange, including processes for record backup via API to S3 buckets and server snapshot automation; DNS zone administration for the Consortium of Ohio Libraries (COOL), Private Academic Library Network of Indiana (PALNI) consortium, Ohio Private Academic Libraries (OPAL) consortium, Academic Library Association of Ohio (ALAO), and OhioNET; Created custom shell scripts, enabled cron jobs, and utilized APIs for file system backups, server snapshot automation, log monitoring and alerting, and daily server administration tasks ensure data integrity, security standards, and privacy (HIPPA: encryption-in-transport, encryption-at-rest); Scheduled and implemented routine OS and firmware upgrades, including package updates and reconfiguration on physical servers and virtual machines running several Linux distributions; Built, configured, and administered an Elasticsearch, Logstash, and Kibana stack on the Microsoft Azure platform for the monitoring and analysis of EZproxy logs for security, proactive issue resolution, and overall service improvements; Develop, maintain, and archive technical documentation, solutions, and workflows for internal purposes and to meet compliance and regulatory requirements.

#### Library Systems/ILS Administration

Primary Evergreen ILS technical and administrative support: operation questions, initial troubleshooting, new feature implementation, system configuration, policy creation, batch record loading, and minor hardware/peripheral support for barcode scanners, receipt and label printers; Customize local library catalogs, self-check stations, and self-registration interfaces using HTML5, CSS3, jQuery, Perl Template Toolkit and various other web development technologies; Utilize SQL, Python, and Bash scripts to automate database clean-up processes; Established bulk record

processing and ingestion scripts to more fully utilize compute resources during off-peak times; Write MarcEdit tasks to transform and enrich catalog records in batch; Create custom reports for consortium member libraries; Interface with Evergreen APIs to develop OPAC enhancements; Install, configure, monitor, backup, and upgrade over 60+ EZproxy installations – including SSL renewal via Let's Encrypt DNS-01 challenges – for multiple types of libraries throughout Ohio and Indiana; Translated numerous WAM (Web Access Management) forwarding tables to EZproxy configuration to facilitate remote access platform migration; Integrated a variety of authentication methods for proxy access, including: III Patron API, LDAP, Shibboleth, Azure Active Directory, CAS, and text files; Provided basic client & character-based Millennium administration; Project lead for the migration of OhioNET-hosted multi-tenant Millennium server to Innovative-hosted standalone Sierra instances.

#### Librarian, Reference & Instruction

Columbus State Community College

**2010 – 2016** Columbus, Ohio

Phase 3: Stratum 3 (2013 – 2016), Digital Projects

Administrator for Springshare products, including LibGuides, LibCal, and LibAnalytics; Design, build, update, and maintain library website, including project management for a phased migration onto the LibGuides platform; Implemented the use of iPads for tabletop displays, interactive student orientations, and augmented reality exhibitions; Internal consultant for EBSCOadmin profile maintenance; holdings management; proxy issues, and additional eResources tasks; Collaborate with management or development teams to prioritize digital environment needs, resolve conflicts, develop content criteria, resolve usability issues, and recommend solutions; Develop, implement, and document style guidelines, revision procedures, and communication practices for web site content; Implemented feedback script that sits between EZproxy instance and electronic resources librarian to identify previously undiscoverable domain issues with our electronic resources.; Lead rebranding efforts within the library's digital environment, including: EBSCOhost profiles, OPAC, Facebook, Research Guides (LibGuides platform), and website.

#### Phase 2: Stratum 2 (2012 – 2013), Instruction & Teaching

Developed and implemented a library learning module in the freshman seminar course; Authored instructional materials, including a well-received and highly utilized series of business research tutorials; Pioneered the use of WebEx to reach business students in the online environment; Directed and trained student technical assistants; Lead Research Guides Team in building a collection of 100+ course-related guides; Evaluated Social Sciences 300s physical and electronic materials to determine outdated or unused items to be discarded in accordance with curriculum and accreditation needs; Represented library or institution on internal and external committees; Participated in hiring process, training, and mentoring of part-time reference librarians.

#### Phase 1: Stratum 1 (2010 - 2012), Foundations

Analyzed patrons' requests to determine needed information, and instruct patrons on how to locate needed information via subscription databases, library catalogs, digital repositories, archives, interlibrary loan, and consortial systems; Planned, taught, and evaluated classes and workshops on various information literacy topics, library use/services, MLA & APA citation, research methods, search strategies, and basic computer technology; Engaged in professional activities, including continuing education classes, attending or presenting at conferences, workshops, professional meetings, and associations; Opened and closed library during specified hours and secured library equipment.

#### Visiting Practicum Student, Teaching & Learning Division

The Ohio State University

2010

Columbus, Ohio

Assisted in the analysis of the Science & Engineering Library's periodical collection (title-level, print vs. electronic holdings) to provide physical space scenarios in preparation for the movement of print periodicals prior to the renovations for the Billy Ireland Cartoon Library and Museum; Created learning modules on web searching for freshman information literacy course to include discipline specific search engines, metasearch, semantic search, and open archival collections; Defined instructional and performance objectives and developed instructional materials, such as lesson plans, handouts, or examinations to support these objectives; Implemented self-grading instructional lessons on web tools and search methods using the Desire2Learn platform.

#### **Telecommunications Classroom Monitor**

Kent State University

2010

Columbus, Ohio

Operated and maintained teleconferencing equipment in the classroom and assisted students with the proper use of communications hardware; Monitored distance sites to ensure proper viewing of live and recorded course transmissions; Created weekly reports regarding the use and troubleshooting of teleconference and other classroom technology; Supervised students and enforced administrative policies in the classroom.

## Library Assistant, Periodicals

Columbus State Community College

**2009 – 2010** Columbus, Ohio

Processed incoming journals, magazines, newspapers, and microformats; Maintained accurate electronic check-in records for a collection of 400+ titles; Sustained an organized physical collection, including weeding and recovery of missing issues; Collected usage statistics and prepared reports; Provided assistance to library users with photocopiers, scanners, computers, microformat readers, and digitization equipment; Created event driven displays to showcase materials in the periodicals collection; Took action to deal with disruptive patrons to ensure a safe and comfortable environment.

# Library Assistant, Circulation

Columbus State Community College

**2008 – 2009** Columbus, Ohio

Provided generalized customer services: answer telephones, collect fees, circulate library materials; Processed inbound and outbound OhioLINK shipments and maintain manifest sheets and mailing labels; Provided upkeep of the stacks: shelf reading, shelf blocking, shelf dusting, making sure that damaged materials are forwarded to technical services for repair; Registered and updated records of new students and faculty to permit borrowing privileges; Sorted books, publications, and other items according to established procedure and returned them to shelves, files, or other designated storage areas.

#### Editor, Transcription and Markup

The Ohio State University

2007

Columbus, Ohio

Collaborated with a team of editors to transcribe digitized pages of Samuel Sullivan Cox's 1851 journal into XML code to be included in an electronic multi-modal edition of a handwritten travelogue; researched and embedded historically contextualized annotations to the digital edition of Samuel Sullivan Cox's travel journal.

#### **EDUCATION**

Masters of Library & Information Science

Kent State University 3.91 GPA

Dec. 2010 Kent, Ohio

Bachelor of Arts, Cultural Studies & Critical Theory

The Ohio State University 3.94 GPA, summa cum laude

June 2008 Columbus, Ohio

Associate of Arts, Humanities
Columbus State Community College

June 2006 Columbus, Ohio

#### **SKILLS**

- Office Applications: Microsoft Office 365, LibreOffice, iWork Suite, Adobe Acrobat
- Archival/Library Metadata Standards: Encoded Archival Description (EAD), MARC21/ MARCXML, DACS, Dublin Core, AACR2, Text Encoding Initiative (TEI), Metadata Encoding and transmission Standard (METS), Metadata Object Description Schema (MODS)
- Bibliographic Utilities: OCLC Connexion, Classification Web, Cataloger's Desktop, MarcEdit, openURL resolvers
- Browsers: Edge, Firefox, Chrome, Safari, Brave, Vivaldi, Tor
- Classification Standards & Thesauri: LCSH, DDC, LC Classification, AAT, TGM, MeSH
- Content/Learning Management Systems: Springshare, Blackboard, Desire2Learn, WordPress, Wild Apricot, CONTENTdm
- Database Systems: Postgres, MySQL, MariaDB, SQL, PgAdmin
- Graphic Development Tools: GIMP, Adobe Photoshop, InkScape
- Hardware/Maker: Zoom H4N field recorder, iMovie, Audacity, Raspberry Pi
- IaaS Platforms: Amazon AWS EC2, Digital Ocean, VMware vSphere, Microsoft Azure, GCP
- Integrated Library Systems: Evergreen, Innovative Interfaces (Millennium & Sierra)
- Operating Systems: Windows, MacOS, iOS, Ubuntu, Debian, CentOS, RHEL, Raspbian
- Natural Languages: Spoken and written English
- Programming/Scripting Languages: Python, PHP, JavaScript, jQuery, Unix shell scripts, git
- Reference Products: EBSCOhost, OCLC, LexisNexis, Web of Knowledge, ProQuest
- Search/Harvesting: Z39.50 (YAZ), OAI-PMH
- System Administration/Development Tools: Notepad++, SFTP Clients (FileZilla, PuTTY), iTerm2, PyCharm, VirtualBox, Atom, PgAdmin, Etcher, oXygen, VPN clients (Pulse Secure, SonicWall Mobile Connect), Fail2Ban, Logwatch
- Web Frameworks/Libraries/Static: Bootstrap, Skeleton, Hugo, ¡Query, Font Awesome
- Web/Markup Languages: XML, XSLT, HTML, CSS, TEI, JSON, Markdown, {{mustache}}

## **PUBLICATIONS**

McIntosh, J. C., Krumsee, K., Zaveloff, J. E., & Zoladz, D. C. (2015) Know the Lingo: how ILEAD Ohio influenced library collaboration and discovery for patrons. *Library Hi Tech News*, 32(5), 16 - 18. doi: 10.1108/LHTN-01-2015-0008

#### **PRESENTATIONS**

2017	Beam me up, Scotty: Migrating into an Evergreen Consortium. RightClick2017, The Library IT Idea Exchange. State Library of Ohio: Columbus, Ohio.
2015	Reducing the Friction: Streamlining Access to Ohio Library Electronic Resources All for Un: Ohio's Interlibrary Unconference. State Library of Ohio: Columbus, Ohio
2015	Opposing Viewpoints: Emerging Technologies in Libraries. Columbus State Library, Colloquium. Columbus State Community College: Columbus, Ohio. (w/ Lorena Popelka)
2014	Newcomer Views on Information Literacy & Assessment (ACRL Framework Discussion), OhioLINK, Science Librarians [OhioLINK Webinar]. (w/ Craig Gibson)
2014	Liberate Your LibGuides: Creative Uses and Simple Suggestions. OhioNET, Technical Services and Technology [OhioNET Webinar]. Columbus, Ohio. (w/ David Green)
2014	Flickr & iPads: Gamification of the F-1 International Student Orientation. Academic Library Association of Ohio, Instruction Interest Group [Lightening Talk]. Stark State College: Canton, Ohio. (w/ James Castrillo)
2014	Cite it Right. Student Success Series, BLUEprint [Workshop]. Columbus State Community College: Columbus, Ohio.
2013	In Transition: Our Electronic Resources Environment. Columbus State Library, Colloquium. Columbus State Community College: Columbus, Ohio. (w/ Ryan D. Scott)
2013	Lingo: How ILEAD Ohio Influenced Team Collaboration and Discovery for Patrons. Academic Library Association of Ohio, Annual Conference [Conference Session]. Kent State University, Stark Campus: Canton, Ohio. (w/ Julie Zaveloff, Jessica Crossfield-McIntosh, Kirstin Krumsee, David Green)
2013	Lingo: The App of Help You Navigate Your Library. Presentation to the State Library Board of Ohio & OhioNET [Presentation]. Deer Creek State Park, Conference Center: Mount Sterling, Ohio.
2013	What Google Can't Tell You. Student Success Series, BLUEprint [Invited Speaker]. Columbus State Community College: Columbus, Ohio.
2013	YouTube for Research. Columbus State Library, Colloquium. Columbus State Community College: Columbus, Ohio.
2013	Evaluating Information Using the CRAP Test. 4 sections of 12th grade students [Invited Speaker]. Reynoldsburg High School: Reynoldsburg, Ohio.
2013	Transitioning to College-Level Research. 6 sections of 11-12 <sup>th</sup> grade students [Invited Speaker]. Reynoldsburg High School: Reynoldsburg, Ohio. (w/ Kim Leggett)

2012	Library: Find It Fast! Student Success Series, BLUEprint [Invited Speaker State Community College: Columbus, Ohio.	r]. Columbus
2012	Building Library Search Widgets for Blackboard. Teaching, Learning, Tec Roundtable [Invited Speaker]. Columbus State Community College: Colu	
2012	Library Resources for STEM. Choose Ohio First/Future Scientists of Ohio [Invited Speaker]. Columbus State Community College. Columbus, Ohio.	
2012	eBook Collections and eReader Devices. Columbus State Library, Colloquium. Columbus State Community College: Columbus, Ohio.	
2011	Library & Research-related Mobile Apps. Columbus State Library, Colloc Columbus State Community College: Columbus, Ohio.	Juium.
	SERVICE	
Columbu	s State Library Committees	
Print Peri	odicals Review Committee	2013
Lincoln, The Constitution and The Civil War, Opening Reception Exhibit Guide. Traveling exhibit organized by the National Constitution Center and the American Library Association. Columbus State Library. Columbus, Ohio.		2013
Research Guides Team (System Administrator)		2010 – 2016
Video Tutorials Team		2010 – 2016
Columbu	s State College Committees	
Search Co	ommittee, Chair of English Department	2014
Campus 1	LMS Evaluation Group 1	2013
Reviewer, PSEO/Dual Enrollment System (K-12) book collection		2012
Master Pl	anning Focus Group	2011
Statewide	Committees	
Ohio Dig	ital Network, Technology Working Group	2017 – 2018
(Chair) A	MS Platform Migration, Working Group, ALAO	2016
Central Catalog Research Group, OhioLINK		2015
College a	nd Career Readiness P20 Task Force, INFOhio	2015 – 2018
(Co-chair	) Discovery, Digital Resources, UX Design: INFOhio	2015
Technical Infrastructure Working Group: DPLA/Ohio		2015 – 2016

## PROFESSIONAL AFFILIATIONS & MEMBERSHIPS

American	American Library Association (ALA), lifetime member 2008 –		
Columbu	s - Associated Library Science Students of Ohio (C-ALSSO) Website Administrator Member	2009 – 2010 2009	
Academic	2009 - 2016 - 2018 2017 - 2018 2016 - 2018 2016 - 2018		
Association for Information Science & Technology (ASIS&T)		2009 –	
AWARDS & HONORS			
2016	CQI President's Award, Gold Distinction, Columbus State Community College recognition of the augmented reality exhibit Thurgood Marshal & the Supre		
2015	John Cotton Dana, Library Public Relations Award in recognition for the Banned Books Week project Exhibit the Right to Read: \$10,000.		
2011	August Alpers Award, Kent State University, School of Library & Informa	tion Science	
	SCHOLARSHIPS & GRANTS		
2019	Public Library Automation Grant, awarded by State Library of Ohio for the the Bucyrus Public Library into the Consortium of Ohio Libraries: \$20,1		
2017	Public Library Automation Grant, awarded by State Library of Ohio for the the Galion Public Library into the Consortium of Ohio Libraries: \$20,58		
2014	Student Success Innovation Grant, awarded by Columbus State Community Cimplementation of a series of student success workshops within Blackbo		
2013	<i>ILEAD USA</i> , awarded by the State Library of Ohio for project team <i>Lo</i> \$3000.	st in Translation:	
2008	Phi Alpha Theta, The Ohio State University: Zeta. American honor society in History.	for scholarship	
2008	Board of Trustees Scholarship, The Ohio State University: \$4000.		
2008	Scarlet & Grey Scholarship for tuition, The Ohio State University.		
2007	Board of Trustees Scholarship, The Ohio State University: \$4000.		
2007	Scarlet & Grey Scholarship for tuition, The Ohio State University.		
2006	Travel Grant (Stanford), Columbus State Community College, Humanitie	es: \$750.	

2006 Phi Theta Kappa, Columbus State Community College: Alpha Rho Epsilon.

## **VOLUNTEERING & COMMUNITY SERVICE**

2018	PyOhio, Conference Committee, Proposal Reviewer
2016	PyOhio, Conference Committee, Proposal Reviewer
2014	Delaware County District Library, Orange Branch
2013	Columbus State Day, Book Drive
2012	First Lego League, Timetable, Columbus State Community College, Regional Competition
2012	Ronald McDonald House, "Weeded and re-organized the library"
2011	World Books Night, Book Distributor, Columbus, Ohio
2009	Academic Library Association of Ohio (ALAO), Annual Conference [Wilmington, Ohio]
	CONTINUING EDUCATION & CONFERENCES
2018	Academic Library Association of Ohio (ALAO), Annual. "Take Action! Conveying Value, Cultivating Success", Nationwide Conference Center: Lewis Center, Ohio.
2018	Processing MARC and MARC-Adjacent Record Data, DEVCONNECT, OCLC [Webinar]
2018	OCLC APIs for Developers, DEVCONNECT, OCLC [Webinar]
2018	FOLIO Meetup. State Library of Ohio. Columbus, Ohio.
2018	PyOhio Conference. Ohio Union, The Ohio State University. Columbus, Ohio.
2018	Ohio LinuxFesr. Hyatt Regency: Columbus, Ohio.
2018	Code4Lib Midwest, Miami University: Oxford, Ohio.
2018	Evergreen International Conference – "Show Me Evergreen", St. Charles Convention Center: St. Charles, Missouri.
2017	Academic Library Association of Ohio (ALAO), Annual. "Libraries Act, Respond, Transform", Nationwide Conference Center: Lewis Center, Ohio.
2017	PyOhio Conference. Ohio Union, The Ohio State University: Columbus, Ohio.
2017	Dive Into Data 2, Fawcett Center, The Ohio State University. Columbus, Ohio.
2017	Linked Data & BIBFRAME, OhioNET [Webinar]

2017	Evergreen International Conference – "Open & Unbridled", Marriott RiverCenter: Covington, Kentucky.
2016	Cataloging with RDA, OhioNET [Webinar]
2016	PyOhio Conference. Ohio Union, The Ohio State University: Columbus, Ohio.
2016	Evergreen International Conference – "A New Decade Takes Flight", Conference Center: Raleigh, North Carolina.
2016	Ohio LinuxFesr. Hyatt Regency: Columbus, Ohio.
2016	Academic Library Association of Ohio (ALAO), Annual Conference. "User Experience: Exceeding Expectations By Design", Roberts Centre: Wilmington, Ohio.
2015	Association of College and Research Libraries (ACRL), Annual Conference: Portland, Oregon.
2015	How Numbers Can Bring the Past to Life: Finding and Using Historical Census Data, OHIONET, Reference Skills and Resources [Webinar]
2014	Innovate {Create}, The Ohio State University: Columbus, Ohio.
2014	Digitization of Content – Dual Enrollment, Adult Learning, Learning Objects and Blended Learning Initiatives, Columbus State Community College: Columbus, Ohio.
2014	Classy Pickles: The Role of Customer Service in Company Culture: Webinar.
2013	SpringyCamp, "One for All and All for One: Product Integration and Uses": Virtual Conference.
2013	Academic Library Association of Ohio (ALAO), Annual Conference. "The Changing Faces of Academic Libraries: Transforming, Reorganizing, Re-imagining", Kent State University, Stark Campus: Canton, Ohio.
2013	WebEx Certification: Getting Started with Meeting Center; Foundations: Organizing Meetings; Foundations: Conducting Collaborative Meetings: Webinar.
2013	Cultivating a Culture of Innovation: Webinar.
2013	Tactical Communications, City of Columbus, Police Department: Columbus, Ohio.
2013	EBSCO A-Z/LinkSource Training for OhioLINK Institutions, State Library of Ohio: Columbus, Ohio.
2013	What the Best College Teachers Do. Columbus State Learning Community: Columbus, Ohio.
2013	COLS 1100 Freshman Seminar, Instructor Training: Columbus, Ohio.
2013	Pedagogy of PowerPoint, State Library of Ohio: Webinar.
2012	Academic Library Association of Ohio (ALAO), "Impact Factor: The Value of Academic Libraries": Wilmington, Ohio.
2012	SpringyCamp: "Focusing on UX (User Experience): Understanding & Meeting User Needs" [Virtual Conference]

2012	Library Orientation Exchange (LOEX), Annual Conference: Columbus, Ohio.
2012	Power Searching with Google [MOOC Course, Google Inc.]
2012	Social Network Analysis [MOOC Course, Coursera]
2012	Librarians are Wikipedians Too: OCLC Wikipedian in Residence [Webinar]
2012	Leveraging iPad Technology in the Classroom. [Workshop: Columbus, Ohio]
2011	Academic Library Association of Ohio (ALAO), Annual Conference. University of Toledo, Health Science Campus [Toledo, Ohio]
2009	Ohio Linux Conference. Greater Columbus Convention Center: Columbus, Ohio.
2009	Camtasia II. Instructional Technologies Institute. Columbus State Community College: Columbus, Ohio.
2009	Camtasia I. Instructional Technologies Institute. Columbus State Community College: Columbus, Ohio.
2009	Fair Use in the Classroom. Instructional Technologies Institute. Columbus State Community College: Columbus, Ohio.
2009	Quality and Standards in Digital Imaging Projects. OCLC – Kilgour Auditorium: Dublin, Ohio.
2009	Effective Intercultural Competency and Communication. ALAO Diversity Committee Workshop, Kent State University: Kent, Ohio.
2008	Linux and Open Source Conference Greater Columbus Convention Center: Columbus, Ohio.
2008	Educational Applications of Second Life Workshop. Advanced Computing Center for the Arts and Design (ACCAD), The Ohio State University: Columbus, Ohio.

#### **REFERENCES**

# Tracy J. Kemp

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#### David Green

Infrastructure Specialist II State Library of Ohio 274 E. 1st Avenue #100 Columbus, Ohio 43201 800-686-8975 ex. 26 davidg@ohionet.org

## James Castrillo

Associate Academic Librarian University of Wisconsin-Whitewater Andersen Library, 2105D 800 West Main Street Whitewater, WI 53190-1790 262-472-5522 castrilj@uvw.edu

## Bree Miller

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