



October 2020

Technology & Systems Analyst

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Bernardy, Richard R. Jr., "Technology & Systems Analyst" (2020). *Faculty and Admin*. 53.
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Citizenship

USA

Education

University of South Florida, Computer Science, BS CS 1999

Military Services

United States Army, Non-Commissioned Officer (NCO)/Staff Sergeant,
Military Intelligence, Non-Communications interceptor/analyst (MOS 98J),
1985-93

Employment

Technology & Systems Analyst, University of South Florida, Tampa Campus
Library, Digital Scholarship Services - Digital Collections, 1995-Present

Other Research & Creative Achievements (including skill sets)

Digitization equipment: digital camera systems, various scanning systems:
flatbed, film, wide, and overhead/book.

Digital content creation software: Adobe Creative Cloud, GIMP, Audacity,
ffmpeg, HandBrake, Final Cut Pro X, MS Office, Acrobat.

Cloud Services: Amazon Web Services (2014-Present): Elastic Compute
Cloud (EC2), Relational Database Service (RDS)-[MySQL & MSSQL], Elastic
Block Store (EBS), Simple Storage Service (S3), S3 Glacier, Route 53, Transfer
for FTP, Database Migration, Identity and Access Management (IAM).

Application, Database, and System administration/integration: Linux
(CentOS, Fedora, RHEL, Amazon), OS X, Windows 7-10 & Server 2012 R2,
Luna Insight, CONTENTdm, DigiTool, DSpace, Fedora Commons, SobekCM,
Archon, Omeka, Scalar, Apache HTTP & Tomcat, Drupal, WordPress, Oracle
VirtualBox, MySQL, Microsoft SQL, Apache Jena.

Software development: OpenDLS, OpenDLS for Tampa Bay Library Consortium (TBLC) Legacy, OpenDLS for Addis Ababa University Library Outreach & Demonstration Project, Collections for Research and Learning (CORAL), Bull-OH-Base (BOB), Oral History Program/Player Interface (OHPi), DSS/DC SobekCM Packager/Interop app, code & testing contributions to SobekCM, Omeka plugins & Lightbox2Plus viewer, Archon/Aeon/SobekCM EAD integrations/interoperability, Montage (Promethean ActivTable), Multimodal Data Analysis (MMDA) web interface, Virtual Museum VR demo app for Oculus Rift, Multiple metadata, endpoint and viewer plugins for SobekCM, including a new responsive design public interface, EBooks for the Classroom+ (EBPLUS+) web app & database, USF Libraries Linked data demo web application. [XML, XSLT, PHP, HTML5, JavaScript, jQuery, Java, Eclipse, C#, .Net/Universal Windows Platform (UWP), Xamarin, Blender, Unity, HoloLens, Oculus Rift, Google Sheets SDK, Box SDK, Amazon SDK, Microsoft Visual Studio Community 2017].

Code repository

GitHub @ <https://github.com/rbernardy>

Presentations/Publications

- Bernardy, Richard R., Jr. "Ethiopian National Research Database Project, University of South Florida Libraries and Addis Ababa University: OpenDLS (ENRDB version)." Presentation at Addis Ababa University. Addis Ababa, Ethiopia (2004).
- Bernardy, Richard R., Jr. "Practical Approaches to Fast Track Implementations - DigiTool: University of South Florida Libraries - Going Live 8 Weeks After Training." Presentation at 2007 ExLibris Fast Track Implementations Seminar @ ALA. Washington, DC (June 24, 2007).
- Greenberg, Mark I. Bernardy, Richard R., Jr. "Putting the 'e' in Oral History: Creating and Assessing Oral Histories at the University of South Florida Libraries." Presentation at the Association of Caribbean University, Research and Institutional Libraries (ACURIL) annual meeting. Montego Bay, Jamaica, (2008).
- Greenberg, Mark I. Bernardy, Richard R., Jr. "Managing an Oral History Program in the Digital Age; An Open Source Software Solution at the University of South Florida Library." Presentation at the Oral History Association annual meeting. Pittsburg, PA (2008).
- Lewis, Barbara. Bernardy, Richard R., Jr. Reehling, Pete. Falato, Brian. Frank, Ilene. Digital Collections Task Force Report (2008). [unpublished]
- Greenberg, Mark. Lewis, Barbara I. Bernardy, Richard R., Jr. "CORAL: USF Libraries Digital Collections Prospectus." (2010). [unpublished]
- Greenberg, Mark I. Lewis, Barbara I. Bernardy, Richard R., Jr. "Open-Source Based Solutions for Processing, Preserving, and Presenting Oral Histories: Armenian Genocide Oral History Collections in North America: Development,

Utilization, Potential.” Presentation at Oral History Association annual meeting. Pittsburg, PA. (2011).

- Mi, Xiyong. Bernardy, Richard R., Jr. “Reliving the past: digital library facilitates access to archaeological data.” Presentation at the Digital Libraries Forum, Las Vegas, NV (2018).
- Mi, Xiyong. Bernardy, Richard R., Jr. (presenters) Pollock, Bonita. Boczar, Jason. Duncan, Jane. “USF Libraries’ design for transforming digital collections to linked data.” Presentation at 2019 LD4 Conference on Linked Data in Libraries. Boston, MA (2019).
- Pollock, Bonita; Boczar, Jason (presenters); Mi, Xiyong; Duncan, Jane; Bernardy, Richard, R., Jr. “The Linked Data Team: How the University of South Florida is Building Capacity for Linked Open Data.” Presentation at the Digital Libraries Forum, Tampa, Florida (October 2019).
- Pollock, Bonita; Boczar, Jason; Mi, Xiyong (presenters); Duncan, Jane; Bernardy, Richard, R., Jr. “USF Libraries Foray into the Semantic Web: Oral Histories and Linked Data.” Presentation at the Leading Edge Libraries Conference, Orlando, Florida (October 2019).

Service

Digitization Project Group, USF Libraries Virtual Library Implementation Teams, 1997-1999.

Digital Projects Planning Committee, State of Florida University Libraries, 1998-2005 (Note: committee has had several names between 1998 and 2004).

Metadata Access to Digital Collections Task Force, USF Libraries, 2003.

Digital Collections Task Force

USF Libraries Web Committee

USF Libraries Digital Initiatives Advisory Committee

Linked Data Research team

SobekCM (custom) design/review/advisory committees

Awards

2002 Outstanding Staff Award, Academic Affairs, University of South Florida.