

## *Curriculum Vitae*

### **Richard R. Bernardy, Jr.**

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#### **EDUCATION**

- **Bachelor of Science**, Computer Science, University of South Florida, 1999.
- (Various) Military Intelligence (ELINT/SIGINT/FISINT) Technical schools, U. S. Army, 1985-1993.

#### **PROFESSIONAL EXPERIENCE**

**Senior Computer Programmer/Analyst** (Lead technical staff), University of South Florida Libraries, Tampa Library, Technology and Technical Services Division, Technology Department, Digitization Services unit, Tampa, FL, 1995- (Note: unit underwent several name changes between 1995 and 2004).

As the technical lead, administers digitization projects for the USF Libraries Digitization Services unit and designs, develops, and implements USF Libraries Digital Collections for the USF Library System. Responsible for all technical elements of digitization and digital collections. Works in partnership with the Senior Archivist (metadata specialist/digital resources cataloger). Since summer 2001, in continual development of USFLDSU Digital Library Software that drives the USF Libraries Digital Collections website (<http://www.lib.usf.edu/lds/>).

#### **TECHNICAL AND SPECIALIZED SKILLS**

- Software development under the LAMP model (Linux, Apache, MySQL, and PHP).
- Other technology OJT/experience: All types of digitization equipment/software, HTML, XHTML, CSS, JavaScript, Java, XML, Microsoft Visual Basic 6 Enterprise Edition, MS W2K/Server, Red Hat Enterprise Linux/Fedora Core 4.
- Luna Imaging – Insight.
- Online Computer Library Center (OCLC) SiteSearch (previously).
- Academically training in following computer programming languages: Fortran, Cobol, Pascal, PL/1, Ada, and C.

#### **OTHER TRAINING/WORKSHOPS (related)**

- Encoded Archival Description (EAD) workshop, Society of American Archivists (SAA).

## **RELATED/OTHER EXPERIENCE** (related to Information Systems/Technology)

**Electronic Intelligence (ELINT) Interceptor/Analyst (U. S. Army MOS 98J30) (Electronic Intelligence)**, United States Army, 1985-1993.

(Ground & Space based)

- Deploying, installing and operating ELINT collection systems
- Searching for selected categories or classes of electro-optic or foreign instrumentation signals (FIS)
- Operating communications equipment for SIGINT reporting and coordination
- Using technical references and equipment to record and analyze intercepted signals
- Using specialized database and technical references to identify intercepted signals

(Ref: <http://www.goarmy.com/JobDetail.do?id=146>.)

**Webmaster/developer, System administrator**, Abraham Lincoln Brigades Archives (ALBA). Non-profit educational organization, 1998- (<http://www.alba-valb.org/>).

## **AWARDS (recent)**

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

## **GRANT FUNDING**

*(Note: Current employer rules/guidelines prohibit non-faculty members from being listed as an official Principle/Co-Principle Investigator on Federal/State grants. Grants & contracts appearing below are listed here for the purposes of acknowledgement as participant who had/has primary responsibility for all technical production/completion. Grants award to/Contracts won by Digitization Services and/or Digitization Services' partner share...)*

Major grants/contracts – total of over \$275,000 (1995-2005).

### **Current**

- Manatee County Public Library System, Historic Photograph Collection, digitization/application/collection hosting contract, \$40,000, (2003-2005)
- Florida Heritage Collection, State University Libraries, Digital Projects Planning Committee (DPPC), AY 2005-2006, \$7,500. Digitization funding for USF contribution to consortial digital collection.
- Ephemeral Cities, University of Florida, Digital Library Center, IMLS digitization project grant, USF partner share, \$15,000.

### **Past**

- College and University Faculty Assembly of National Council for the Social Studies, Theory and Research in Social Education; journal digitization/collection/cd-rom/application hosting contract, 2002-2004, \$5,500.
- Florida Heritage Collection (DPPC), 6 years, AY 1999/2000 – AY 2003/2004, \$45,000.
- Encoded Archival Description Pilot Project/grant, Library Services and Technology Act Grants (LSTA) Florida Department of State, State Library & Archives of Florida, DPPC/ Florida Center for Library Automation (FCLA), USF partner share \$2,000.
- FCLA, Library Technology grants (yearly), (1996-), \$75,000+ (approximate).
- Florida Humanities Council (FHC) & USF Latin American and Caribbean Studies Center, "In Two Languages-En Dos Lenguas"; periodicals digitization project, 2002, \$1,500.
- Digitization contract, Florida Center for Instructional Technology (FCIT), 2001-2003. \$2,000. Content for Exploring Florida: Social Studies Resources for Students and Teachers website/cd-rom project.
- Floridiana on the Web project/grant. GTE/Verizon, 1997-2004, \$67,500.
- Frank E. Duckwall Foundation, Digitization equipment/historic photograph digitization project, \$20,000. (1996).

## **RESEARCH INTERESTS**

- Digital/Virtual Libraries.
- Digitization of library materials, archival, cultural & historical.
- Digitization and metadata technical standards.
- Digital Library Software/Library Automation Systems.
- Open Source Software.

## **SERVICE – PROFESSIONAL & UNIVERSITY**

- Technical Lead/Chief Programmer, Ethiopian National Research Database Project, University of South Florida Libraries & Addis Ababa University, Ethiopia, 2002-2004.
- Member (Software & web developer, digitization technical lead), Tampa Bay Library Consortium (TBLC) Digitization Project. 2004-Present.
- Member, Digital Projects Planning Committee, State of Florida University Libraries, 1998- present. (Note: committee has had several names between 1998 and 2004)
- Member, Metadata Access to Digital Collections Task Force, USF Libraries, 2003.
- Member, Digitization Project Group, USF Libraries Virtual Library Implementation Teams, 1997-1999.