

## Peter Keane

1503 Ridgehaven Dr.  
Austin, TX 78723  
512/458-9715  
[pkeane@mail.utexas.edu](mailto:pkeane@mail.utexas.edu)

## Education

**The University of Texas at Austin**, Master of Library and Information Science, August 1995.

**Harvard University**, A.B. English and American Literature, June 1986.

## Professional Experience

**The University of Texas at Austin (March 1995 - present)**

**Senior Software Developer/Analyst, Liberal Arts Instructional Technology Services May 2004 - present** Tech Lead/Project Manager for Digital Archive Services project:

- Designed and implemented *DASe* web application, an online digital collection tool used by instructors across the UT Campus for organizing, cataloging, presenting and sharing images, sound files, video, documents, and bibliographic references.  
Technologies: PHP, PostgreSQL, MySQL, Javascript/AJAX, Perl
- Worked with Faculty members, researchers, and librarians to develop new archives within *DASe*, leveraging the flexible *DASe* data model to handle diverse metadata schemes and exposing search, read, and update functionality both within web application and by way of web service interfaces. Created new *DASe* archives based on data originating in existing physical slide collections, FileMaker databases, OAI-PMH repositories, public domain websites.
- currently rewriting *DASe* tool in preparation for Open Source release (<http://code.google.com/p/dase/>).  
Technologies: PHP5, MySQL, Javascript/AJAX, Perl, Ant

**Information Analyst/Programmer, The General Libraries November 2001 - May 2004.**

- As part of the General Libraries Metadata Task Force, drew up specifications for and wrote Metadata Registry (digital asset repository) web application for the General Libraries.  
Technologies: Java/Tomcat, Struts Framework, Apache OJB ORM, MySQL
- Designed and wrote PHP/MySQL applications for library, including knowledge bank and service desk scheduler.  
Technologies: PHP, MySQL, LDAP, SMTP
- Served as a member of the Undergraduate Library's reference department

**Professional Librarian, The General Libraries December 1995 - March 1997.**

- Developed processes and procedures for the acquisition of networked electronic resources. Worked with faculty and staff members on issues related to access and use of new electronic resources.
- Provided reference desk coverage in the Perry-Castaneda Library.
- Served as interim History Bibliographer.

**Harvard University (July 1986 - July 1994)**

**Reference Assistant, Hilles Library September 1988 - July 1994.**

- Worked as a member of the reference department at Hilles Undergraduate Library.  
Duties included the design and management of barcoding project for undergraduate libraries.

**Technology Skills:**

- PHP, Python, Perl, Javascript, Bash, Java, XSLT, CSS, HTML
- PostgreSQL, MySQL
- XML processing (parsing, validating, object-to-XML serialization)
- Data Harvesting and Processing
- Source Code management (Subversion, CVS)
- Build and Integration Tools (Make, Ant, Hudson)
- RSS, Atom, MARC, MARCXML, MODS, METS, FRBR, OAI-PMH

- Linux System Administration
- Solaris, Mac OS X
- LDAP, Samba, NFS, HTTP, SMTP, rsync, SSH
- Image processing (ImageMagick, GIMP) and embedded metadata formats IPTC/EXIF

#### **Conference Attended**

- OSCON 2005
- ApacheCon 2006
- Open Repositories Conference 2007
- EduCause Southwest Regional 2007 (presented talk on DASE)
- Texas Conference on Digital Libraries 2007 (presented talk on DASE)

#### **Other**

- Professional Folk Musician ([http://en.wikipedia.org/wiki/Peter\\_Keane](http://en.wikipedia.org/wiki/Peter_Keane))

references provided upon request

July 2007