

# Jonathan T. Gorman

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## Education:

Masters of Library and Information Science - University of Illinois at Urbana-Champaign  
Entered: June 2003. Graduated: August 2004. - GPA: 3.95

Bachelor of Arts - Computer Science - University of Minnesota-Morris  
Entered: September 1998. Graduated: May 2002. - GPA: 3.2

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## Computer Experience:

Operating Systems: Windows (2000/XP/Vista/7), Windows Server 2003, and UNIX/Linux (Redhat, SUSE, Debian, Ubuntu, Solaris)

Programming Languages: Perl, PHP, XSLT, JavaScript, Java, and VBA

Related Experience: Apache, IIS, CSS, JQuery, HTML/XHTML, Java Servlets, SAX, XSL-FO, Microsoft Access, MySQL, SQL, SQL Server, Tomcat, Solr, Backup Exec, XML, and Unicode

Library Software: File\_MARC, MarcEdit, Marc::Record and related Perl modules, Blacklight, VuFind, SolrMARC, Voyager (2001.2, 6.X,7.X), Illiad, YAZ, and XTF

Library Standards: AACR2, Dublin Core, MARC (bibliographic, holdings, and authority), and Z39.50

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## Selected Work Experience:

### Research Information Specialist

**Library IT Software Development Group (50%):** April 2010 -  
University of Illinois at Urbana-Champaign

- Primary developer of tracking system for material requested for large scale digitization project.
- Developer for digital repository effort using Hydragena-based system.
- Maintenance on existing projects.

**Library IT Infrastructure Management & Support(50%):** April 2010 -

- Maintain & improve data feeds for communication with other units for billing, invoice and patron information.
- Systems administrator work including software updates and configuration changes for systems such as main web servers, Illiad, SQL Server and other services which run on Windows Server 2003 and Enterprise Red Hat 5 systems.
- Serve as part of emergency response pool for server outages, backup systems, or other large scale issues.

### Research Information Specialist

**Library IT Help Desk/Library IT Infrastructure and Software Development:** October 2004 - April 2010  
University of Illinois at Urbana-Champaign

Performs several roles relating to the Voyager System.

- Created and maintained data feeds into and out of Voyager.
- Created reports for all library departments and administration.
- Developed software for library needs.
- Served as member of CARLI's I-Share OPAC Team from 2005 to 2009, was co-chair for 2008-2009 term.

Selected projects include:

- New Titles List (<http://www.library.uiuc.edu/newtitles/>) , described by Steven Cohen of "Library Stuff" as the perfect example of how to set up new book feeds (<http://www.librarystuff.net/2005/08/24/new-titles-in-uiuc-library-via-rss/>) .
- Converted historical Inovative Interfaces records into a web application for historical searches.

- Developed web application for circulation transfers.
- Created a system to allow people to easily select items from catalog to be digitized in efforts involved with the Open Content Alliance initiative.
- Co-developed Bean Counter, a web-based reports system. Bean Counter allows for non-IT personnel to set up and run reports from multiple underlying database systems.

### **Consultant / Software Developer**

**Graduate School of Library and Information Science:** November 2006 - January 2007

University of Illinois at Urbana-Champaign

Adapted XTF framework (<http://www.cdlib.org/services/publishing/tools/xtf/index.html>) , a tomcat-based digital content system to display Blackwell XML documents. This led to the digital publication of the book *A Companion to Digital Humanities* (<http://www.digitalhumanities.org/companion/>) .

### **Systems Programmer**

**TeleNature Project with Dr. Heidorn:** June 2003 - August 2004

University of Illinois at Urbana-Champaign

Maintained desktop, tablet, and laptop Window ME/2000/XP machines. Also maintained Redhat, SUSE, and Debian Linux servers. Created a wireless network for field work in Illinois forests, including communication and file transfer software for experts to help users in the field. Set up and maintained phpBB2, MySQL, Apache, and other software services. Modified BIBE user interface (<http://www.isrl.uiuc.edu/~TeleNature/projects/bibeDownload.html>) and additional contributions to the codebase. Developed documentation and practices for maintenance and applications.

### **Graduate Assistantship**

**Serials Department (Technical Services Division):** August 2003 - August 2004

University of Illinois at Urbana-Champaign

Assisted the division Research Programmer, Stephanie Baker, with maintaining machines and software, including Voyager clients. Developed and maintained webpages and related scripts for Technical Services Division. Ran funding reports for Acquisitions Department. Worked on integrating electronic resource records and online catalog. Assisted in migration of data from the original Electronic Resources Registry to the new Online Resources Registry which provided better access to over 27,000 unique electronic resources and incorporated a weekly TDNet feed.

### **Publications & Presentations:**

March 2011. *Abstracting the Patron Feed*. Developer Meets Developer 2011 - hosted by Ex Libris at Chicago

Gorman, Jon. "A System Librarian's Cataloging Daydream." *Conversations with Catalogers in the 21st Century*. Ed. Elaine Sanchez. Santa Barbara: Libraries Unlimited, 2011. 73-95.

November 2010. *Data Feeds and the Library: What we've learned*. Presentation & poster session at University of Illinois IT Professionals Forum

March 2010. *Frenzied Feed Fun: Tips and Tricks for caring for your feed*. Presentation at CARLI I-Share Acquisitions (IACQ) Spring Forum, "Voyager Talks! Making Voyager Communicate"

April 2009. *Linux Workshop: An introduction to the Command Line*. Presentation sponsored by University of Illinois ASIS&T Student Chapter at the Graduate School of Library and Information Science.

Gorman, Jonathan. "Respect my Authority." *Code4Lib Journal* (March, 2008)  
<http://journal.code4lib.org/articles/57>

March 2006. *Advanced Linux*. Presentation sponsored by University of Illinois ASIS&T Student Chapter at the Graduate School of Library and Information Science.

February 2006. *Unix Tutorial: Basics*. Presentation sponsored by University of Illinois ASIS&T Student Chapter at the Graduate School of Library and Information Science.