



Geoffrey Spear

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○ Profile

Experienced Python and Perl programmer with expert knowledge of library systems and metadata, as well as the Google App Engine platform.

○ Education

University of Pittsburgh

BA, Philosophy, 1999

Carnegie Mellon University

electrical and computer engineering, 1992-1994

○ Skills

Platforms

Google App Engine, Mac, Unix, Windows

Languages

Python, Perl, SQL (Oracle, MySQL), HTML, XML, CSS, C, Objective C, PHP, Javascript

○ Work Experience

2008 - Present

Health Sciences Library System, University of Pittsburgh

Metadata Manager

- Served as project manager for the implementation of a new Electronic Resource Management System and OpenURL link resolver
- Designed and programmed Perl scripts and developed processes to migrate data on an ongoing basis between an existing Integrated Library System and the new ERMS
- Developed software to assist with batch updates of MARC cataloging records

2004-2007

Health Sciences Library System, University of Pittsburgh

Project Manager, Remote Storage

- Oversaw the creation of a new high-density remote storage facility with a capacity of about 200,000 volumes, acting as manager for one full-time employee and up to 2 temporary workers
- Designed and programmed custom inventory control software, including interfacing with the ILS to update records automatically and print location labels for storage trays

2000-2004

Health Sciences Library System, University of Pittsburgh

Serials Reciept Specialist

- Assisted with check-in and physical processing of approximately 1500 subscribed journal titles
- Provided customer service at a library circulation desk, overseeing operations in the absence of the Head of Circulation

○ Developer Community Activities

- **Google App Engine API Guru**
Recognized by Google, Inc. for contributions to the App Engine community in providing guidance to users of the official mailing lists and IRC channel
- **Stack Overflow**
Earned in excess of 9,000 "reputation" answering programming-related questions, primarily in the Python, Perl, and Google App Engine tags

○ References

Available upon request