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Systems librarian

With one degree in Library science and another in the field of Information Technology, I have been working with library systems for ten years. Following two successful positions, I am looking for a new challenge, outside of France, as a systems / web services librarian.

Education

2005-2007 Institut National des Techniques de la Documentation (Paris, France)
Masters degree in project documentation management

2000-2005 Polytech Paris-Sud (Orsay, France)
Masters degree in computer science, specializing in databases and software engineering

In-house training

- 2014 : Linked data for digital humanities (4 days)
- 2013 : Learning Python (codecademy)

Experience

Systems librarian – Université Bordeaux Montaigne 2009 – present

- Developed the documentation system (perimeter, evolutions)
 - Implemented a new OPAC (Babord+)
 - Installed and managed an ERMS and its OpenURL link resolver (serials solutions)
 - Administered EzProxy instance and analysed usage statistics (member of the national group defining French priorities for usage statistics)
- Built a digital library using Omeka : 1886 (more than 140 000 pages), created plugins released on github (ExtractOCR, PDFToc)
- Improved internal procedures (planning, tool to improve efficiency when migrating from CDU to Dewey classification ...)
- Managed electronic theses (production, dissemination)

Library consultant, specialized in library automation – doXulting 2005 – 2009

- Managed automation projects, in public and academic libraries
- Deployed different ILS (proprietary and open source)
- Prototyped with open source softwares : Koha, Vufind, Drupal
- Developed custom software (biography management for the intranet of the French national radio, marc converter)
- Wrote technical specifications (Collective catalog of french national library, ILS for

- Maison Européenne de la Photographie ...)
- Had teaching activities (« open source software in libraries », « Changes in libraries : norms and formats », « Mysql & Koha » ...)
 - Migrated data from and to multiples formats : CSV, Filemaker Pro, iso2709, proprietary formats
 - Distributed a weekly survey of literature in information science

Expertise

Libraries

- ILS / OPAC management
- EzProxy
- ERMS
- MARC formats
- Digitization
- Transferts protocols
- Open source tools (Zotero, Omeka ...)

Tech

- Bootstrap
- GNU/Linux
- JavaScript
- Linked data
- MySQL
- Perl
- PHP
- Python
- SSH

Publications and presentations

Books

- LANGLET-SCOPSI C., L. SOUAL, J.-F. FERRAILLE, et S. MACHEFERT, *Mener un projet Open Source en bibliothèque, documentation et archives*, Paris, France, Cercle de la librairie, 2007.

Book chapters

- LARGOUET A., S. MACHEFERT, et G. MIURA, « 1886 : retour d'expérience sur la mise en place d'Omeka à Bordeaux 3 », *Manuel de constitution de bibliothèques numériques*, coll.« Bibliothèques », 2014, p. 245-246.
- MACHEFERT S., « Quelle place pour les bibliothèques dans les DH ? L'exemple de l'université Bordeaux Montaigne », *Le temps des humanités digitales*, FYP éditions, 2014.
- MACHEFERT S., « OpenURL : pour améliorer l'expérience de l'utilisateur », *Arbido*, 2008, vol. 4, p. 27-31.

Presentations

- Improving modern art articles on Wikipedia, a partnership between Wikimedia France and Centre Georges Pompidou, IFLA Conference (2014)
- Open data, what's that ??? (2014)
- 1886, digitization project in Bordeaux (2012)
- Libraries and their catalogs (I love you...me neither) (2011)
- Wikis and wikipedia from the librarian's point of view (2011)
- Introduction to library automation (2010)

Languages

- French : native speaker
- English : business level (TOEIC : 900)

Hobbies

- Bicycle trips (Paris - Toulouse, Bordeaux - Mayenne ...)
- Administrator on French Wikipedia since 2004, member of the French Wikimedia chapter. Project manager for GLAM partnerships, project leader for *Wiki Loves Monuments* photo competition
- Translation of open source projects : software (omeka, vufind), documentaries (*The Internet's Own Boy : The story of Aaron Swartz*, *The GLAM-Wiki Revolution*)
- Involved in a community-supported agriculture group