Rob Dumas

Librarian, Web Developer

Chicago, Illinois

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SUMMARY

Rob Dumas is an innovative, passionate high-tech information specialist with skills in development and operations, as well as a strong background in information architecture, digital archives, storage technology, app development and scalable deployment.

WORK EXPERIENCE

Web Developer

Chicago Filmmakers, Chicago, IL

2015

Contracted to build and launch new website and corresponding staff documentation based upon Drupal, using client's wireframes, Views, Fields, Panels, custom content types, image styles, and user research.

Librarian

Chicago Public Library, Chicago, IL

Sep 2007 - Current

In addition to the daily duties of a librarian at Carter G. Woodson Regional Library, (managing the Serials department, providing reference service and computer training, ordering books, planning and hosting programs), I have worked on many internal projects.

- **CPL Maker Lab (2013—2015):** Taught classes, supervised interns, maintained equipment and helped patrons realize their projects using 3D printers, laser cutters, vinyl cutters, knitting machines and CNC router.
- **iCPL for iOS (2012):** Built a Cocoa framework based app for users of Chicago Public Library, two years before CPL launched their own. The source code is on Github.
- **Library Page Supervisor (2011—2014):** Made shelving faster, more accurate and more consistent using best practices, even after more than half of the pages were laid off due to budget cuts.
- **Teen Librarian (2010—2011):** Ran the Teen Department at Woodson Regional. Hosted programs, ordered books, community engagement and outreach.
- **Rout-O-Matic (2009):** Sped up dramatically the task of searching for and retrieving holds by building a custom app for the department.
- **Job Guide (2008—2013):** Created and maintained *Helpful Hints for Job Hunters*, a print resource for patrons seeking employment advice. The popularity and content of the Job Guide later served as the basis for the update to CPL's online *Especially for… Job Searchers* resource, in which I was a major participant.

Assistant Web Producer

CMJ Network, New York, NY

2003

Web Development and Digital Content Management. Graphic and web design using HTML and PHP; developed CMJ's site and sub-sites for CMJ New Music Marathon, CMJ Rewards and contract sites for clients such as Coca-Cola, Royal Philips Electronics, ACCO Brands and more. Transcoded streaming audio for CMJ's New Music Monthly surveys.

EDUCATION

MS in Information & Library Science, 2007
Pratt Institute, New York, NY

BS in Computer Science, 2002
New York Institute of Technology, Old Westbury, NY

SKILLS

Operating systems: GNU/Linux; CoreOS; FreeBSD; Microsoft Windows; Apple OS X and iOS.

Devops, storage and virtualization: Docker; Puppet; SaltStack; Virtualbox hypervisor; Network administration; ZFS filesystem.

Programming: Structured Query Language (SQL); Git Version Control; PHP; Python; Java; C, C++ & Objective-C; Cocoa & Cocoa Touch frameworks, Ruby on Rails framework.

Content management: Drupal; WordPress; Sharepoint.

Design, 2D and 3D: Front-end: Responsive HTML, CSS, Less and Sass; Adobe Creative Suite; Trimble SketchUp; Inkscape; Makerbot Desktop; Cura; Slic3r; OpenSCAD; Easel CNC; OctoPrint.

ILS and OPAC: TLC CARL.X; BiblioCommons; Innovative Millennium; Endeca.

Productivity tools: Microsoft Office; OpenOffice, LibreOffice; Google Apps suite; Apple iWork; Blackboard; Vim; Sublime Text; TextMate.

Social: various social media (Twitter, Facebook, Tumblr, Google+, HootSuite, Bitly, Flickr, etc) and web services (DigitalOcean, AWS, etc).

Misc. Internet: Web; email; FTP/SFTP; SSH; GNU Privacy Guard; etc.

General: Problem solver; technical and non-technical skills.

REFERENCES

Brian E. McElaney, Senior Software Engineer, Revzilla, Philadelphia, PA; brian.mcelaney@revzilla.com; (610) 509-8482

Yvette Garcia, Librarian IV and YouMedia Manager, Chicago Public Library, Chicago, IL; yleigh@chipublib.org; (773) 226-6629