

# ROB DUMAS

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## SUMMARY

Rob Dumas is a committed, innovative, high-tech specialist with skills in development, operations and analytical trouble shooting. He has extensive technical knowledge and problem solving skills. He's interested in open source, information architecture, storage, distributed systems, virtualization, cloud computing, application development, digital archives, and devops.

## EXPERIENCE

### **CHICAGO FILMMAKERS, CHICAGO, IL 2015**

Built, debugged and launched new website based on Drupal and using Views, Fields, Panels, image styles, etc. Collaborated with client's team on hosting setup, based on VMware and Linux.

### **CHICAGO PUBLIC LIBRARY, CHICAGO, IL SEPTEMBER 2007 – PRESENT**

Librarian at Carter G. Woodson Regional Library. Managing the Serials department, providing customer service, reference, cataloging and records management, computer training for patrons, planning and hosting programs. Interests include digital services, application development, free-form exploration, usability, and data-informed process improvement.

- **CPL Maker Lab (2013–2015):** Taught classes, supervised interns, maintained equipment and collaborated with patrons to realize their projects using 3D printers, laser cutters, vinyl cutters, knitting machines, CNC routers and other tools. Collaboratively fostered team building among volunteer staff.
- **iCPL for iOS (2012):** Built an unofficial iOS app for users of Chicago Public Library, two years before CPL launched their own.
- **Page Supervisor (2011–2014):** Supervised the library pages at Woodson Regional. Overhauled page procedures, resulting in measurably faster, more consistent shelving, even after several pages were laid off due to budget cuts.
- **Teen Librarian (2010–2011):** Ran the Teen Department at Woodson Regional. Hosted programs, ordered books and performed outreach.
- **Rout-O-Matic (2009–present):** Built a report generator, still in use today, for automation of the daily holds "router" (a list of items to pull and send to other branches) that separates the list by section, cutting the time spent searching for and retrieving holds by 75%.
- **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 2010 overhaul to CPL's *Especially for... Job Searchers* online resource, of which I was an author.

### **SELF-EMPLOYED, HUNTINGTON, NY NOVEMBER 2003 – JULY 2005**

Freelance web designer and developer. Built sites on contract for a variety of clients. Web programming, graphic design, setup and maintenance of web hosting.

### **CMJ NETWORK, NEW YORK, NY MARCH 2003 – OCTOBER 2003**

Web Programmer and Digital Content Manager. Graphic and web design; 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. Created streaming audio system for CMJ's New Music Monthly CD so web site visitors could listen to, and vote on, their favorite band appearing on the magazine's monthly CD insert.

## **CYBERTECH SYSTEMS, GREAT NECK, NY SEPTEMBER 1998—APRIL 1999**

System Administrator, Head of Web Development, and Support Specialist. Designed sites for corporate clients; set up incident management system to troubleshoot customer support issues; managed Linux systems and web servers running Perl, CGI, and MySQL databases; technical support specialist for servers including network configuration and monitoring, logs, documentation, maintenance; sales.

## **AKF ENGINEERS, NEW YORK, NY MAY 1996—AUGUST 1996**

Interned for engineering firm in New York City. Analyzed designs, worked on client projects using computer aided design (CAD).

## PUBLICATIONS

### ***THE MAKERSPACE LIBRARIAN'S SOURCEBOOK, 2017***

Researched and contributed a chapter on computer numeric control to *The Makerspace Librarian's Sourcebook* for the American Library Association. ([amzn.com/0838915043](https://www.amazon.com/0838915043))

## EDUCATION

### **PRATT INSTITUTE, BROOKLYN, NY**

Master of Science in Information & Library Science (MILS), February 2007

### **NEW YORK INSTITUTE OF TECHNOLOGY, OLD WESTBURY, NY**

Bachelor of Science in Computer Science (BS CS), August 2002

## SKILLS

- **Operating systems:** Linux; Unix (Solaris); Windows; OS X; iOS.
- **Devops and virtualization:** Docker; Puppet; Salt; Ansible; Virtualbox; KVM.
- **Web platforms and development:** DigitalOcean; Nginx; Apache; MySQL, MariaDB, and PostgreSQL databases; Django; Rails; Git source code management tool; jQuery, JSON, and other JavaScript tools; PHP; XML; Secure Shell; Amazon Web Services (AWS); Structured Query Language (SQL); Python; Java JVM/JDK; C, C++ & Objective-C; Cocoa & Cocoa Touch frameworks; GNU bash shell scripting.
- **Content management:** Drupal; WordPress; other open-source CMS.
- **Design, 2D and 3D:** HTML and CSS; Adobe Creative Suite; AutoCAD; SketchUp; Inkscape; MakerBot Desktop; Cura; Slic3r; OpenSCAD; Easel CNC; OctoPrint.
- **Productivity suites:** Vim; Slack; Microsoft Office; LibreOffice; Google Apps; iWork; Blackboard.
- **Miscellaneous:** UX testing; accessibility compliance; metadata structure; site metrics; oral and written communication skills.