

MARNEN E. LAIBOW-KOSER

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skills

programming, markup, databases	C, C++, CoffeeScript, ColdFusion (CFML), CSS, DDS, Haml, HTML/XHTML, Java, JavaScript, Lisp (MCL), Mathematica, MongoDB, Perl, PHP, RPG, Ruby, Sass/SCSS, shell scripts (ksh, bash), SQL (MySQL, PostgreSQL, Microsoft Access, Microsoft SQL Server, SQLite), XML, XSL, BASIC, HyperTalk.
operating systems	Linux (Red Hat, Ubuntu), Mac OS (all versions), MS-DOS, OS/400, System/36, Unix (AIX, Darwin, HP-UX), Windows (all versions).
Mac OS software	Adobe GoLive, Adobe Photoshop, Assimilator, Atom, Diffly, Director, FileMaker Pro, Finale, GitX, KomodoEdit, Mathematica, Microsoft Office, Microsoft Project, mySQL Tools, NeoOffice, Panorama, Power*Architect, RealProducer, Solo, SourceTree, SublimeText, svnX, TextWrangler, WordPerfect, Xcode.
Windows & MS-DOS software	Apache, BeyondMail, CalendarMaker, Client Access/400, ColdFusion Studio, FileMaker Pro, HomeSite, IIS, Lotus 1-2-3, Lotus Notes, Microsoft Office, Microsoft Project, Network Scheduler, OpenOffice, WordPerfect.
OS/400 & System/36 software	DFU, SEU, MarkMagic, NCS Professional, Query/400.
Linux & Unix software	Apache, Applix, Emacs, Git, ksh, Nginx, OpenOffice, Subversion, vi.
languages	Fluent in German, excellent knowledge of French, some knowledge of Spanish, Italian, Japanese, Russian, Hebrew, Esperanto.

relevant experience

This résumé contains programming and technical experience. For musical experience, please see http://www.marnen.org/resume_m.pdf.

July 2015–present	RBM Technologies Senior Rails and Ember developer on retail merchandising management application. Responsibilities include helping to improve development practice on team of about 15.	Boston, Massachusetts
July 1998–present	Thunderbird Productions Freelance developer creating complex Web applications with Ruby on Rails, PHP, ColdFusion, JavaScript, and CoffeeScript, using MySQL and PostgreSQL databases. Also designed and created static websites and produced graphics and streaming audio. Creator and primary developer of Quorum Calendar System (http://quorum2.sf.net); other open-source contributions available at http://github.com/marnen .	Somerville, Massachusetts
May–July 2014	District Management Council (consulting for Vesume Group) Senior Rails developer on staffing management application for public school districts.	Boston, Massachusetts
June–July 2013	Medullan (consulting for Jobspring Partners) Initiated Rails development effort for medical IT consultancy, including assisting with Rails training of existing developers and creating Rails development guidelines.	Cambridge, Massachusetts
March–November 2012	Teladoc (consulting for Artsource Consulting) Ruby on Rails developer for telemedicine application built with service-oriented architecture. Created system for exporting medical billing information to EDI 837 claims, as well as secure message center for patients to communicate with doctors and nurses.	Greenwich, Connecticut
September 2011–February 2012	Crowdtap Developer on fast-paced agile team maintaining backend of unique social marketing application built with Rails and MongoDB; also integrating Spree-based e-commerce solution through OAuth and building an API for Spree to consume.	New York and Albany, New York
March–June 2011	Benchmark Solutions Ruby on Rails/JavaScript developer, building frontend of real-time financial data application in Extreme Programming environment, using MySQL, jQuery, RSpec, Jasmine, Raphael, and Git.	New York, New York

March 2010– March 2011	American Express Publishing (consulting for Manpower Professional)	New York, New York
	Ruby on Rails/Microsoft SQL Server developer, maintaining high-profile public-facing websites including http://www.travelandleisure.com (13 million page views per month).	
January– February 2008	Vita Rara	Troy, New York
	Web developer for major vertical-market application, using Java, Struts, JSP, MySQL, and JBoss on Linux and Mac OS X.	
June– November 2007	Reflexions Data (consulting for RHI Technology)	White Plains, New York
	Senior Web developer, designing and implementing backends for Web applications with LAMP technologies, JavaScript (including Ajax), Mootools, and Fusebox.	
February– September 2006	SoftWaveMedia/Zsys Solutions	Irvington, New York
	ColdFusion/MySQL developer for radio advertising broker. Achievements included:	
	<ul style="list-style-type: none"> • introducing and supporting Fusebox framework, including customizing open-source Fusebox documentation tools, • creating automated Web-based invoice system with XML integration and fuzzy matching, • designing and building database schemata, • writing Perl and shell scripts to import millions of records from flat text files into MySQL. 	
November– December 1999	New World Technologies (independent consultancy)	New York, New York
	ColdFusion/HTML programmer in e-commerce environment. Designed and implemented Web-based solution for editing large Microsoft Access database of products and clients, and maintained program generating product information sheets from this database. Also maintained programmers' documentation engine on corporate intranet.	
January–March 1999	Omni-Services Corporation (consulting for Supra Data Systems)	Culpeper, Virginia
	ASNA 400 RPG programmer on IBM System/36. Maintained and provided technical support for custom financial reporting programs, including distributing updates of these programs for installation at branch locations.	
December 1996–May 1998	Metric and Multistandard Components (consulting for Donald J. Simons Associates)	Hawthorne, New York
	Member of team working to increase automation of warehouse and sales department using RPG on AS/400 and System/36. Duties included:	
	<ul style="list-style-type: none"> • maintaining PCs, AS/400 workstations, AS/400 fax system, bar code equipment, and other hardware, • implementing bar-code-based package tracking and identification system, including writing narrative descriptions of current and planned procedures, • writing, maintaining, and documenting custom shipping, purchasing, and bar code tracking programs, • creating, performing, and reporting on comparative tests of hardware and software, • working with developer of corporate website on searchable database of products, 	

education and related accomplishments

January 2013– December 2014	New England Conservatory of Music	Boston, Massachusetts
	M.M. (with academic honors) in Contemporary Improvisation. Major teachers included Hankus Netsky and Ran Blake.	
June–July 2010	University of Vermont/Wolfram Research	Burlington, Vermont
	Student at New Kind of Science Summer School , a course in cellular automata and similar complex systems; final research project modeled musical form with string substitution systems (see http://bit.ly/nks2010mlk). Faculty included Stephen Wolfram and Todd Rowland.	
June–July 2007	University of California at Santa Cruz	Santa Cruz, California
	Student at Workshop in Algorithmic Computer Music , an intensive summer course in developing algorithmic music programs in Lisp. Faculty: David Cope, Peter Elsea, Soren Goodman, Paul Nauert.	