

# Brett Rasmussen

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1243 Aspen Ave · Provo, UT · 84604 · (801)375-5537 · [brett.rasmussen@twoedge.com](mailto:brett.rasmussen@twoedge.com)

## SUMMARY

I am a programmer and project manager with a special interest in scripting languages and a fascination with agile development methodologies. I am perpetually searching for the most well-crafted technologies and the best practices. I am also a visual designer, and I insist on making whatever I create look good.

## QUALIFICATIONS

Ruby, Ruby on Rails  
Python, PHP, Perl  
Java, SWT  
Software architecture, object-oriented programming  
Project management  
eXtreme Programming, Test-driven Development  
MySQL, PostgreSQL, Oracle  
HTML, JavaScript, CSS, div-based web page layout  
Visual design and layout  
Photoshop, Illustrator, GIMP, Xara Xtreme  
Linux administration, Apache administration  
Excellent collaborative skills  
Exceptional verbal and written communication skills

## PROFESSIONAL EXPERIENCE

### Programmer

- Created custom content management system in Ruby on Rails for university choral department
- Coded modules for custom ERP in Ruby on Rails for metallurgical machine shop
- Developed programs in standalone Ruby for monitoring and repairing world-trafficked servers
- Designed and coded ERP user interface using Ext JavaScript library
- Wrote server component, including XML protocol, of Java network monitoring utility
- Created licensing structure for commercial software using Java Security Architecture
- Designed and implemented Java API for company-wide NDS directory over LDAP
- Developed various features of music file download system using PHP/MySQL
- Developed registration and authentication modules of gaming file download system in PHP
- Created or customized online shopping cart software in PHP and Perl for multiple clients
- Developed data mining scripts in Perl and administered Oracle database
- Created JavaScript features for web-based anonymizer
- Created and released under GPL robust PHP library for manipulating HTML forms

### Vice President of Technology

- Transitioned company-wide development processes to agile methodologies
- Oversaw and coordinated all project managers
- Interviewed job candidates and managed staffing of all projects
- Collaborated with other executives on issues of broad company direction

### **Project Manager and Software Architect**

- Managed 5-person, internationally distributed team developing ERP in Ruby on Rails
- Helmed \$750,000 eXtreme Programming project for outdoor-adventure reservation system in Java/SWT; architected it in modified MVC pattern
- Managed 8-person team of developers, defining project outline, features, and task assignments
- Managed remote teams in India, Brazil, and Italy
- Architected and managed development of Java client/server network monitoring utility
- Gathered requirements from customers and negotiated budgets and timelines

### **Web, Graphic, and User Interface Designer**

- Designed websites for many companies, including International Power Technologies, Axiom Financial, Estate Forecaster, the National Golf Course Owner's Association, Consolidated Commerce, VideoAXS, Beautiful Singing, Searle IQ, International Computer Systems, Skydive Utah, and BYU's Center for Remote Sensing
- Designed look and functional flow of user interface for many programs (web and desktop)
- Designed logos for various companies
- Designed a highway billboard and printed advertisement postcards
- Designed custom online video players and galleries for many news organizations

### **EMPLOYMENT**

*Ruby Programmer / Web Designer*, The University of Utah, SLC, UT, 8/06-5/08 (Employment)

*Project Manager / Ruby Programmer*, Surgeworks, SLC, UT, 6/07-10/07 (Employment)

*Ruby Programmer*, The Church of Jesus Christ of Latter-day Saints, SLC, UT, 4/06-8/06 (Contract)

*VP of Technology / Project Manager*, Agile Studios, Orem, UT, 9/04-3/06 (Employment)

*PHP / Python Programmer*, Mediatone Music, Dallas, TX, 3/03-6/05 (Contract)

*PHP Programmer*, ProHosting Corporation, 11/03-2/04, Provo, UT (Contract)

*ASP.NET Programmer*, Riverwoods Advanced Diagnostic Imaging, Provo, UT, 6/02-7/03 (Employment)

*Perl Programmer*, Orangatango, Provo, UT, 11/00-8/01, (Employment)

*Webmaster*, iTransact.com, Bountiful, UT, 4/00-9/00 (Employment)

*Web Designer*, VideoAXS, Dallas, TX, 6/00-8/00 (Contract)

*Java Programmer / Web Designer*, Waterstone Consulting, Chicago, IL, 10/98-8/99 (Contract)

*Web Designer / Perl Programmer*, NetFire Hosting, Orem, UT, 10/96-4/00 (Employment & Contract)

### **OTHER EXPERIENCE**

- Editor and research assistant for two books, one a military history and one a discussion of singing
- Volunteer church representative in Argentina
- Fluent in Spanish

### **EDUCATION**

*Master of Music, Choral Conducting*, The University of Utah, May 2008

*Bachelor of Arts, Music and Psychology* (double major), Brigham Young University, April 1995

### **INTERESTS**

Singing, jazz music, swing dancing, skiing, literature, scuba diving