

# JEREMY MCANALLY

## SUMMARY

- Ten years programming experience (hobby, freelance, and staffed) with a variety of languages.
- Familiarity with Ruby, C#, Python, and PHP programming languages and their environments on Windows, Mac OS X, and Linux.
- Seven years experience with Linux and Mac OS X.
- Author of numerous books on software development with Ruby and JavaScript.
- Presented on Ruby and Ruby On Rails in various venues.
- Understanding of industry standard software engineering and design practices.

## EXPERIENCE

### **DEVELOPER, EASTMEDIA** JUNE 2007 UNTIL AUGUST 2007

Developed a large web application for the McGraw-Hill Companies using the Ruby on Rails web framework. The application is used at a marketing tool and houses all of the supplementary content for their reading books used in schools across the nation.

### **DEVELOPER, DLI** JUNE 2007 UNTIL PRESENT

Responsible for the development of a collection of web applications for the Producers Guild of America using Ruby on Rails. The applications power their elections for various awards and provide the Guild with a centralized hub for social interaction and information.

### **AUTHOR, RAILS DOC. PROJECT** MARCH 2007 UNTIL PRESENT

Responsible for extending, editing, and adding to the documentation for the Ruby on Rails web development framework. Finished work included fully documenting ActionView, ActiveSupport, and partial documentation of other portions.

### **DEVELOPER, VARIOUS CLIENTS** FEBRUARY 2006 UNTIL MAY 2007

Development of various systems using Ruby and Ruby On Rails for various employees in various environments.

### **DEVELOPER, JOHNSON BIBLE COLLEGE** JANUARY 2005 UNTIL DECEMBER 2005

Responsible for developing a number of new applications that power the campus along with maintaining or porting legacy code. Projects completed include an automatic host registration and blocking system for the campus network and a scanner system utilizing custom scanning hardware that handled dorm security, event attendance, and cafeteria account usage.

### **SYSTEMS ADMINISTRATOR, UAH** JANUARY 2004 UNTIL AUGUST 2004

Responsible for overseeing about 100 systems and developing software using C# to aid in administration of these systems. Software developed includes an automated inventory system and a distributed XML agent system for widespread administration.

## EDUCATION

Johnson Bible College, Knoxville, TN — B.A. Preaching, expected in 2008

University of Alabama at Huntsville, Huntsville, AL — B.S. Computer Science, 15 hours of C.S. completed

## PRESENTATIONS

### **RUBY + MYSQL.NEW(BIE)** MYSQL CONF AND EXPO

A discussion of the basics of using MySQL with Ruby, including coverage of the various low level adapters like DBI and DataObjects and higher level ORMs like ActiveRecord and DataMapper.

### **ACTIVERECORD UNDER THE MICROSCOPE** MYSQL CONF AND EXPO

A look at ActiveRecord up close, including how its mapping works, the SQL it generates and how these components can be improved.

### **CAMPING OUT** RUBY FOOLS 2008

A talk on the basics of using Camping, \_why the lucky stiff's web development framework, when and why to use Camping as opposed to Rails or something else, and how to correlate all the knowledge that Rails developers have built up to its corollary in Camping. This talk is updated to track with recent changes to Camping.

### **DOCUMENTED PROOF: WHY DOCUMENTATION MATTERS** RUBYFOOLS 2008

Documentation is one of the most overlooked features of open source software, by users and developers alike. This talk will discuss why developers should document their code, what makes "good" documentation, and show a few tools to help with Ruby documentation.

### **DEEP RUBY** MOUNTAIN WEST RUBYCONF 2008

A primer on Ruby's dynamic features which will acts a platform for other talks at the conference to spring from. Features discussed will be open classes, singleton objects, code evaluation and generation, and duck typing.

### **GLUEBY** EMERGING TECH IN THE ENTERPRISE

This talk discusses integration techniques with Ruby, offering a number of cross references and experiences which show Ruby in action.

### **GOING CAMPING** GORUCO 2007

A talk on the basics of using Camping, \_why the lucky stiff's web development framework, when and why to use Camping as opposed to Rails or something else, and how to correlate all the knowledge that Rails developers have built up to its corollary in Camping.

### **RUBY BOOTCAMP** HSV.RB

A discussion of intermediate to advanced Ruby topics, including metaprogramming and using dynamic typing as an effective development tool.

### **THE HUMBLE LITTLE RUBY TALK** RUBY EAST 2007

A talk on the Ruby language from the very basics of using puts to put naughty phrases on the screen all the way to serving up your favorite web page from WEBrick or connecting to your favorite web service.

### **EVIL SYNTAX AND METAMAGIC** HSV.RB

Ruby has a lot of syntax that can be totally evil: you can twist the innards of objects until they squeal, raze the internals of any class, and set fire to the beautiful object hierarchy your co-workers have setup. Then again, like most evil things in life, this too can be turned to good. This talk covers these "evil" techniques and offers best practices and proper use cases. Afterwards, attendees know how to avoid making their co-workers want to kill themselves (or them!) while still getting the full benefit of Ruby's dynamic features.

## BOOKS

### **THE HUMBLE LITTLE RUBY BOOK** SELF-PUBLISHED / NO STARCH

An introductory Ruby text, written in a light, whimsical style. It is available for free in PDF format and in print for \$10 from its website. Before being picked up by InfoQ in January 2007, the book had been downloaded over 50,000 times. It is currently being revised to be published on No Starch Press.

More information: <http://www.humblelittlerubybook.com/>

### **RUBY IN PRACTICE** MANNING PUBLICATIONS

An "enterprise cookbook," with discussion of real-world development problems and their Ruby solutions.

More information: <http://www.manning.com/mcanally>

**WEB SCRIPTING POWER TOOLS** O'REILLY (CONTRIBUTING AUTHOR)

A walkthrough of recent JavaScript techniques and libraries. Contributed chapters include discussions of Scriptaculous, Prototype, and advanced JavaScript techniques.

**THE RAILS API** PRAGMATIC PROGRAMMERS

An API reference born from the work of the Rails Documentation Project.