

Christopher R Scott

Ruby on Rails developer / Ext Javascript specialist

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www.extonrails.com

In 30 Seconds or less...

- Excellent written and verbal communication; above average writer.
- Five years' experience writing OO Javascript (Ext JS, YUI, Prototype, jQuery, Scriptaculous, Rico)
- Highly active on Github ("christocracy").
- Authored nearly ten Rubygems.
- Innovative thinker / creative problem solver.
- Strong MVC & ORM experience, including Rails, Merb, Sinatra, ActiveRecord, ActiveResource, DataMapper, MongoMapper).
- Experience with creating & deploying Shopify API applications on Heroku.
- Languages: Ruby, Javascript, PHP, CSS, XHTML, Postgres, MySQL, perl / OO perl , C++, Z80 machine language.
- Active participant in Montreal Ruby and Javascript communities.
- Wonderful teacher.

Experience

March 2010 - present, independent contractor, Montreal, QC

Senior Software Engineer

- Building an ordering system for medical lab-tests.
- In order to easily design different kinds of client applications in the future, (eg: web-based, iPad, etc), I separated the database into its own application, communicating with it via ActiveResource.
- Forked and extended a Github project, implementing Rails-like features in Javascript. Built a console application using Thor for Rails-like generators.

November 2008 - March 2010, Ext JS Inc., Montreal, QC

Senior Software Engineer

- Implementing internal applications, including a client-support application and a market-place app.
- Travelled throughout North America and Europe performing ExtJS training sessions (x101, x201, x301) with rave reviews.
- Attended the first annual Ext JS conference in 2009, performing two presentations on new features to a packed audience.
- Spent 2 1/2 months on-site at the Swiss bank UBS, working on a ExtJS-based currency-trading application.
- Introduced BaseCamp to the team and promoted the use of issue-tracking software.
- Developed three Rubygems to promote use of Ext JS with the Ruby community (rails-extjs-direct, merb-extjs-direct, extjs-mvc)
- Custom client component-development and code-reviews.
- Writing blog-entries / tutorials for the Ext JS blog.
- Assisting with new 3.0 branch of the library itself, primarily with the data package.

June 2008 - November 2008, BlueSponge, Montreal, QC

Lead Developer

- Lead a team of two young developers implementing ExtJS (and training to use ExtJS!) for a high-profile, high-volume government tourism website (www.destinationquebec.com). I've not yet seen a custom Ext theme that departs from the standard Ext theme as much as this site's has.
- Designed an Ext-based custom content-management system for the *Canadian Center for Architecture* with a Rails-based backend (www.cca.qc.ca).
- Assisted with component-development on a Rails/Ext-based backend application for the NHL's *Montreal Canadiens*.

January 2005 - present, Resistor Software, Montreal, QC

Lead Developer

- Designed and built an order-management application for a client in the freight-forwarding industry (www.freightoperations.com) using Rails and ExtJS. This application spawned a number of useful tools including a javascript code-documentor (clone of <http://extjs.com/deploy/dev/docs/>), a javascript build-tool (compiles multiple files into one then shrinks the output, vastly increasing application-performance) and an HTML->pdf generator for creating stunning documents and invoices. The app uses the Liquid templating engine for document-management. Implemented google maps API to plot shipping routes and calculate distances.
- Created a large, re-usable, evolving framework of Ruby, Ext-based javascript and php tools and plugins for all company applications, many of which are available as open-source projects on google code.
- Built a tournament-based sports-gambling application using PHP5, Prado MVC and Propel ORM.
- Designing developing inventory-management software with PHP5, Postgres, Prado MVC Framework (www.xisc.com), and the Propel ORM framework (propel.phpdb.org).
- Emulated the iTunes interface to create an Ajax web-app for a record-company using Prado MVC framework and the earliest version of ExtJS. The app streams the client's MP3s using Icecast/RealPlayer, saving them >\$15000/year in CD mail-outs. The app has a rich user-interface which allows the client to drag/drop songs into playlists for their music-licensing clients.
- Extensive Drupal experience since version 4.4.
- Invented creative javascript solutions for the shopify ecommerce service (including ajax api).

February 2003 - December 2004, CRCW Inc, Brandon, MB

Web Developer

- Installed open-source content-management & ecommerce systems (PostNuke, Phorum, osCommerce) for companies.

December 1999 - September 2002, Teilhard Technologies, Calgary, AB

Web Developer

- Introduced object-oriented programming during first months of employment, revolutionizing the company's spaghetti-software development.
- Designed and built a web-application using object-oriented perl for creating online stores and compiling live content. Similar to today's Shopify, the application was a component-based system where each merchant could easily customize their store's layout. In hindsight, it was certainly ahead of its time.
- Main client (www.dv-depot.com) was using the application to generate sales of ~\$20000 / day.

Education

1991 - 1992, Assiniboine Community College, Brandon, MB
Electronic Engineering Technology.

1999 - 2000, University of Calgary, Calgary, AB
First year Computer Science.

Interests

- Playing guitar (~13 years experience)
- Developing my blog at www.extonrails.com; analyzing site stats to improve traffic
- Rock&Roll at Casa del Popolo.
- Ball-hockey tous les dimanches au coin de Mont Royal et St. Urbain avec mes amis.
- Learning la langue française