

Christopher R Scott

Ruby on Rails developer / Ext Javascript specialist

(514) 994 2585

chris@transistorsoft.com

<http://transistorsoft.com>

In 30 Seconds or less...

- Excellent written and verbal communication; above average writer.
- Over eight years' experience writing OO Javascript (ExtJS, Sencha Touch, YUI, Prototype, jQuery, Scriptaculous, Rico)
- Highly active on Github ("christocracy").
- Authored over ten Rubygems (<http://rubygems.org/profiles/christocracy>)
- Innovative thinker / creative problem solver.
- Strong MVC & ORM experience, including Rails, Merb, Sinatra, ActiveRecord, ActiveResource, DataMapper, Mongo).
- Experience with creating & deploying Shopify API applications on Heroku.
- Languages: Ruby, Javascript, PHP, CSS, HTML, Postgres, MySQL, perl / OO perl , C++, Z80 machine language.
- Active participant in Montreal Ruby and Javascript communities.
- Native mobile developer (ios, android). Phonegap/Cordova
- Wonderful teacher.

Experience

March 2010 - present, President Transistor Software, Montreal, QC

Senior Software Engineer

- Built a voice-controlled Cordova/Sencha Touch prototype in-car tablet-app for the prestigious company Nuance and their "Dragon Drive" product. App is designed to run on a dash-mounted Android tablet between a car's front-seats with distraction-free, voice-controlled access to the Map, Music, Contacts and Phone.
- Built a prototype SenchaTouch/Cordova-based building-mgmt tablet-app for the France-based multinational corporation, Schneider Electric. App provides control of the HVAC systems of remote buildings such as Schools and Banks.
- Trained a large development team at a financial-services company on Bay Street in Toronto, providing several months of continued mentoring as well as both on-site and remote consulting.
- Participated two years (to present) with a disaster-response company in Florida along with their distributed dev team spread throughout the world. The company specializes in creating mobile tech for use in disasters such as hurricane's, earthquakes and oil-spills. Built an engine-based, custom Sencha Touch framework for composing multiple Cordova-based applications a-la-carte (ie: each app is a collection of Sencha MVC controllers). Apps include a QR-code badge app, QR-scanner app, a custom-form-submission app (with photos).
- Designed several native ios & android Cordova plugins to handle background-geolocation, background-notifications.
- Travelling throughout the world performing ExtJS training courses and on-site consulting.
- Refactored and developed an ExtJS Fleet-tracking app (with Bing Maps)
- Developed a SenchaTouch/Cordova mood-tracking application for a local company (MeTracker)

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-managment 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-iterface 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