

Ryan Funduk

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Blurb

I am motivated individual with over 10 years of hands-on hardware and software related experience. I am dedicated to the software industry and love working with people who are as passionate about contributing to it as I am.

Skills Summary

- Self-taught and fluent in Ruby, JavaScript, Python, (X)HTML and CSS
- Experienced with Ruby on Rails, 'AJAX' techniques, SQL (and 'NoSQL') and Flex
- Deep knowledge of JavaScript and common libraries (jQuery, Prototype, and others)
- Experience with C / C++, ActionScript and Erlang
- Familiar with many other languages: Haskell, Objective-C, Java, Perl
- Experience using typical Unix development tools as well as Xcode and Visual Studio

Experience

November 2008 - Present · *Pingg* · Developer · (pingg.com)

- Member of a small team as a generalist with a focus on front-end behaviors.
- Working extensively with Ruby on Rails, jQuery, Prototype, and Flex.
- Often working directly with designers to implement mockups and iterate on existing features.
- Helped migrate from Subversion to git.
- Extensive work on the invite designer, event management tools, dashboard and the gallery.
- Played a major role in implementing a sub-set of pingg's functionality from-scratch for Yahoo!'s OpenMail platform. For this project I also wrote and maintained a custom build system that allowed us to keep our code modular and clean despite the single-file approach of OpenMail.
- As part of recent improvements to our design tools, wrote an internal companion tool using Flex for designing and loading new designs into pingg's gallery.

Summer 2008 · *Research in Motion* · Static Code Analyst

- Maintenance and improvement of a large Python framework which schedules/runs several different code review tools.
- Dynamic JavaScript graphing of data from SQL tables.
- Fix (or work with developers on) code flagged by the review tools.

Summer 2007 - Spring 2008 · *Research in Motion* · Embedded Systems Test Developer

- Maintained and reported on the results of the automated API test system.
- Wrote and maintained a complex web application using Ruby on Rails to track results and facilitate easy viewing and investigating of failures by the entire automated testing team.
- Python script work to upkeep and write new automated tests.
- Improved and implemented test plans for various APIs.

2007 - 2008 · *PC Waterloo* · Web Developer · (pcwaterloo.com)

- Wrote new public front-end and internal back-end website from scratch in Ruby on Rails to replace the aging PHP/MySQL implementation.

2007 - 2008 · *Wayne Drew Professional Corporation* · Web Developer · (wdpc.ca)

- Wrote new public front-end website.

2004 - 2007 · *PC Waterloo* · Sales Manager / Technician

- Designed and recommended custom computers for businesses and individuals.
- Responsible for organizing orders and inventory shipments.
- Maintained the PC Waterloo website including a migration from Windows to a Linux server.

Education

2005 - 2008 · *Conestoga College*

- Program: Software Engineering Technology
- GPA: 3.81
- Employed as a peer tutor for programming courses.
- Implemented a new web application from scratch for the yearly 'Tech at Work' trade show.

Side Projects

2008 - Present · *ryanfunduk.com* · (<http://ryanfunduk.com>)

- My personal blog where I post about topics such as distributed version control, JavaScript interfaces and web design/development in general.

2008 - 2009 · *flot* · (<http://github.com/thenduks/flot/wikis>)

- A jQuery plugin that uses the `canvas` element to draw attractive graphs client-side.
- Originally written by a company for internal use and open-sourced, I took over maintenance as well as development of new features for personal use as well as use at RIM.

Related Hobbies and Interests

- Exploring and experimenting with new programming technologies
- A healthy text editor addiction (currently enjoying `vim` full-time)
- Instruction (eg. tutoring, mentoring)
- Reading (and writing) blogs
- Following the software industry (conferences, etc)