

# Brantley Harris

## contact

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## employment

### **PSC Group · Consultant** · November 2007 - Present

Worked as a consultant, interfacing with many clients, and delivering on a wide variety of projects, juggling the needs of both the client and the consulting company. Most of the time was spent working up in Evanston with the marketing company **Leapfrog Online**.

### **Chicago Reader · Web Developer** · March 2006 - October 2007

Was brought on to redevelop their website using the Django web-framework, while completely overhauling the technical and business processes for event listings.

### **Lake Forest Hospital · Web Developer/Administrator** · June 2004 - March 2006

Maintained and developed the hospital website, while understanding the needs of department heads and the marketing department.

### **Caddo Productions · Web Developer/Analyst** · February 2003 - June 2004

At this little web development studio in McHenry IL, I designed and implemented small-business websites in ASP and Cold Fusion.

## education

### **DePaul University · Chicago IL**

Bachelor of Science - Computer Science

## projects

### **Institute of Real Estate Management · PSC Group Consultant** · May 2009 - November 2009

This multi-part project was created to deliver a rich set of internal and forward-facing web-based applications to aid in the client's business processes. At first I served as a ui-designer and JavaScript/Ext.js technical expert on this project but quickly entered the team, refactoring code, fixing bugs, and building a test suite.

**technologies** · ext.js, jquery, javascript, css, django, python, jvm, postgres, sql, ant, linux, agile development

### **Redesign of psclistsens.com · PSC Group Consultant** · April 2009 - October 2009

Redesigning the corporate website for PSC was something I had wanted to do since I started working there. I worked mainly as the designer and front-end developer, but as always, I took on some of the back-end tasks and served as a technical resource. I was particularly proud of the banner work and front-page slideshow widget.

**technologies** · django, python, linux, apache, photoshop, illustrator, css, jquery, javascript, agile development

### **PSC Open Group Website · PSC Group Consultant** · March 2009

The Open Source Group wanted a place to advertise itself apart from the rest of PSC. I designed and developed open.psclistsens.com, which aggregated various RSS feeds, Twitter, blogs, Del.icio.us links, and more into a single place. This aggregation back-end is highly configurable using the Django admin.

**technologies** · django, python, linux, apache, mysql, javascript, jquery, css, rss, test-driven development

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**projects**  
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**Leapfrog Online Multi-Site CMS · PSC Group Consultant · June 2007 - May 2009**

Working with Leapfrog Online, we were given requirements to make a web application that allowed them to develop and maintain a large number of marketing websites at once. Using a document repository called Daisy, Django as the web framework, and Ext.js as the front-end, we created a system that tracked, versioned, and processed images, style-sheets, templates, content, and even business logic as unique assets that could be organized in many hierarchical trees that represented each site. The massive project included the smartest developers I've ever worked with; each brought their own brilliance with them, and each left better for it.

**technologies** · ext.js, javascript, django, python, java, document repository, xml processing, agile development

**Chicago Reader Event Listings · December 2006 - October 2007**

Redeveloping the event listings entailed gathering requirements from various disparate systems and users, as each event type was done in a completely different way. The solution provided a very user-friendly way of adding many different sorts of events and was able to publish to both the web and print.

**technologies** · javascript, mochikit, python, django, mysql,

**open source**  
**projects**

**Squash** · bit.ly/squashproject · June 2008 - Present

For a while now, in my free time, I have been working on a project management tool I call "Squash". It is a new sort of project management tool, distributed in the same way Git or Mercurial is. It is very easy to use, with both a command-line and web driven interface. Recently I have begun the task of rewriting it, creating a custom web framework based on Eventlet, a python pseudo-threading networking library. It also uses my own JavaScript library built on jQuery that I call "Green Tea" to drive a fancy user-interface.

**technologies** · javascript, jquery, python, eventlet, sqlalchemy, sqlite

**jquery-json** · code.google.com/p/jquery-json/ · August 2008

A jQuery plugin for generating JSON, which turns out to be more complicated than one would expect. As of writing, there have been over 180 thousand downloads of this little plugin from the Google code hosting site.

**technologies** · javascript, jquery, json

**jsBundle** · bit.ly/jsbundle · August 2009

I created a Python tool for bundling or compiling JavaScript libraries into a single file. It also compiles tests and documentation and "minifies", or compresses, the final output. Finally, it allows one to pick and choose aspects to be compiled. You can freely browse the docs and source, just put this in your browser: bit.ly/jsbundle

**technologies** · javascript, python

**talents**

**Web Development (front-end)**

css · html · javascript · jquery · ext.js · yui · dojo

**Web Development (back-end)**

django · rails · php · turbogears · apache · mysql · postgres · couchdb · google app engine

**Design**

css · web standards · ui design · photoshop · illustrator · flash · gtk · wxwindows

**Languages**

python · java · sql · c · c++ · actionscript · ruby · javascript · c# · lisp · lua

**Systems**

linux · osx · windows · freebsd · unix

**Concepts**

tcp/ip socket programming · multithreaded programming · algorithm analysis · database design/analysis · agile project management · nosql database development · database schema migration · test-driven development