

phil christensen

software engineer



<http://bubblehouse.org>

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modu

<http://modu.bubblehouse.org/>
pragmatic web application toolkit

txOpenID

<https://launchpad.net/txopenid>
an implementation of the OpenID 1.1
provider specification

txSpace

<https://launchpad.net/txspace>
a multiuser platform for building text-
based virtual worlds

profile

Detail-oriented engineer and open source expert seeks position pushing technical boundaries. Significant experience developing custom business applications, including process automation and database design.

skills

python, perl, php, c, c++, java, ruby, clojure, objective c, ldap, apache, asterisk, bind, postfix, lucene, sphinx, mysql, applescript, postgres, sqlite, twisted, subversion, emacs, vi, bash, grep, sed, debian, red hat, ubuntu, mac os x, solaris, freebsd, darwin streaming server, shibboleth, open id, boxee, firefox extensions, drupal, django, google app engine

professional guitarist, composer, and audio engineer.

experience

Senior Programmer, Anthology of Recorded Music; New York, NY — May 2007 – present

- Trained and managed junior developer through development of new Sphinx-powered search tool, UnAPI metadata support, and other projects.
- Designed and developed ground-up rewrite of the DRAM Online (<http://www.dramonline.org>) audio streaming service.
- Implemented custom access module for Darwin Streaming Server, AJAX-enhanced administration interface, application-level support for Shibboleth authentication, and robust import workflow mechanism for importing new audio collections.

Senior Programmer, Reflexions Data; White Plains, NY — December 2004 – May 2007

- Designed and developed a custom distribution of the Drupal CMS aimed towards authors of literary works. Made customizations to enable serving 1600+ sites from a single database.
- Designed and developed the web-based database administration framework, Proкуро (<http://reflexionsdata.org/project/proкуро>), and dist, a code distribution tool.
- Designed and coordinated development on a multiuser presentation platform; client/server software coordinated the display of presentation data on 50 to 100 clients with interactive features and extensive metrics and reporting.
- Primary system administrator for production and development machines, office networking, Asterisk VOIP system, custom backup server, Postfix mail servers, and Plesk administration.

Programmer, Farechase Inc./Yahoo! Inc.; New York, NY — April 2004 – August 2004

- Participated in maintenance and development of new and existing data retrievers for FareChaser travel search tool. (<http://farechase.yahoo.com>).
- Created Perl framework of harvesting tools, using WWW::Mechanize and HTML::TreeBuilder, including a fail-safe retriever shell to provide additional flexibility over existing implementation.
- Farechase sold to Yahoo! in July of 2004; left to pursue graduate degree.

Lead Programmer, RESCUECOM, Corp; Syracuse, NY — August 2003 – April 2004

- Designed and implemented a port of a handheld service call, scheduling, ordering and inventory tool to the Blackberry platform using J2ME, and the Blackberry API.
- Created fixed-point math library to enable decimal calculations on the Blackberry, and live-updating RecordStore-based data API.

education

State University of New York at Purchase — Studio Composition MFA — 2006

State University of New York at Oswego — Music BA — 2001

references available upon request