

JOSIAH PURTLEBAUGH

24015 24th Ave So | (253) 797 - 4233
Des Moines, WA 98198 | toraton@gmail.com

SOFTWARE PROFICIENCIES 206 219 8327

Web development:

(X)HTML (expert)	CSS (expert)	JavaScript (intermediate)	Perl (intermediate)
XML/XSL (expert)	PHP (intermediate)		AJAX (intermediate)

Software Experience:

Dreamweaver (intermediate)	Adobe Photoshop (intermediate)	Microsoft Office Suite (intermediate)	Microsoft Visual Studio (expert)
Flash (intermediate)			

EDUCATION

- **Highline Community College**, AS Computer Science, 2007 (anticipated)
- **Thomas Jefferson High School**, 2005

SOFTWARE PORTFOLIO

LiteServe httpd, a cross-platform web server written in C.

A very minimal and entirely cross-platform webserver designed with embedded applications in mind.

- Features an incredibly small memory footprint.
- Efficiently caches and stores mime type data.
- Retains responsiveness without the use of forking or threads.

Bitfield, a cross-platform proof-of-concept written in C.

A small library written in C preprocessor macros for utilizing bitfields as a boolean storage medium. This piece demonstrates a proof-of-concept of object oriented structures in C.

- Fast and efficient use of C preprocessor macros.
- Uses structures and function pointers to emulate a C++ style class in C.

Mkchroot, a POSIX tool for chroot jails written in Perl.

A tool for creating a directory structure suitable for use as a root directory.

- Utilizes common tools to locate necessary libraries.
- Supports binary lists for multiple runs.

OTHER TECHNICAL SKILLS

Computer hardware support and maintenance

UNIX and GNU/Linux software support and maintenance

Application design experience, OOP and procedural paradigms

EMPLOYMENT HISTORY

Site Administrator

Codelove, June 2006 to present

- Design and maintain web portfolio, <http://www.codelove.org>

Web Master

R & R Construction Specialists, LLC., July 2003 to present

- Design and maintain the company website, <http://www.randrdrywall.com>

OTHER SKILLS

- Strong writing and editorial skills
- Formal language training in French and Spanish
- Require little to no supervision; self-starter
- Work well within a team-based environment