Clinton Ebadi

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WORK EXPERIENCE

- **Slashdot** *Editor* (March 2011 –).

  Used broad technical skills to determine news deserving of the label "News for Nerds. Stuff that Matters." Wrote original articles and edited stories based upon user submissions, using technical expertise to verify information and expand with original research. Provided technical expertise to fellow editors in the areas of software development and operating systems. Worked with other editors to foster quality discussion of daily tech news.

- **The Tech Coop** *Programmer* (August 2009 – December 2011)

  Planned and developed major upgrade of an insurance risk management application written in Common Lisp. Rebuilt heavily unnormalized database schema into normal form for greatly improved reliability, performance, and consistency with business requirements. Used advanced Metaobject Programming to maintain user interface written with Context Oriented techniques.

ACTIVITIES

- **The Internet Hosting Cooperative** http://hcoop.net *President* (April 2010 –); *Board Member* (April 2009 –); *System Administrator* (November 2008 –)

  Management of an Internet services cooperative, including support of member-installed web applications and overseeing several volunteers. Administration of a variety of network services including the only open signup Kerberos/OpenAFS cell. Responsible for physical infrastructure planning. Experience with the Linux Kernel Virtual Machine for systems management. Ongoing maintenance of essential custom software written for the cooperative.

SOFTWARE PROJECTS

- **DomTool** Domain specific language for configuration of services in a shared hosting environment implemented in SML. http://wiki.hcoop.net/DomTool

- **UnCommon Web** Lisp web framework for developing stateful applications using continuations. http://common-lisp.net/project/ucw/. Ported to Clozure CL.

- **Scheme Constraints Window Manager**. Helped resurrect and brought back into a useful enough state for use as primary window manager.

- **Bobot++** C++ IRC Bot extensible with Guile Scheme.

- **Other** Contributed patches to parenscript (symbolic expression representation of Javascript for Lisp), Guile Scheme, Emacs Muse, GNU/Linux Audio Mechanics, Lisp on Lines (web framework), Guile Foreign Interface to OpenGL.

TECHNICAL SKILLS

- **Programming Languages** Common Lisp (advanced), SQL (advanced), PL/pgSQL (intermediate), Javascript (intermediate), SML (basic), Scheme (advanced), C (advanced), C++ (intermediate), bash scripting (advanced), erlang (novice).

- **Standard Technologies** CSS, DOM, XHTML, XML, LaTeX and TeXinfo, GNU/Linux, Debian packaging, Apache, Exim, MIT Kerberos, OpenAFS, PostgreSQL, MySQL/MariaDB, EJabberd, Git, Darcs, Netfilter, libvirt, Linux KVM, Emacs.

REFERENCES   Available upon request