**Martin Walsh**

*Evanston, IL 60202*

✉ *sysadm@mwalsh.org*

**Hiring Manager**                                                                                                    May 1, 2012

Dear Sir or Madam,

Please forgive the form letter. If you are a hiring manager or recruiter seeking a talented System Administrator, to fill a position in your organization, I suggest you contact me directly to discuss my qualifications in greater detail.

*Experienced Linux System Administrator*

With 12 years of experience, I am at ease managing a diverse network of computer systems and associated services. My most recent work experience is decidedly web-centered, but I believe that my unique skillset supports an efficient transition into almost any business context.

*Versatile, Amiable and Professional*

Throughout my career, I have worked in relatively small environments with a high degree of responsibility, as the sole system administrator; necessitating a great deal of flexibility, and effective interpersonal, communication and organizational skills. Consequently, I am comfortable working with all levels of staff, regardless of technical proficiency, and I quickly build a reputation for getting things done.

*Open Source Technologist*

I have extensive experience utilizing Linux and other open source software to provide versatile and innovative solutions, and I am passionate about solving problems, particularly those well suited to automation. Although, I enjoy digging into *all* kinds of difficult technical challenges, recognizing that they often require learning a new skill, concept or technique; and providing a solution, means helping someone in a tangible way.

Thank you for taking the time to review my enclosed résumé. Should you have any questions, please contact me at the email address provided.

Sincerely,


**Martin Walsh**


*Enclosure: résumé*

# Martin Walsh

*Linux System Administrator*

*Evanston, IL 60202*
✉ *sysadm@mwalsh.org*

---

## Objective

Seeking a challenging, and multifaceted, system administration position requiring the creative application of open source technology.

---

## Professional Experience

**2005–Present**   **System Administrator**, *Parity Systems*, Evanston, Illinois.

Responsible for the installation, maintenance and documentation of all hardware and network services for use by internal staff and clients. Closely supported the development efforts of all web projects; configuring, deploying, and securing hosting environments/web stack.

Notable achievements:

- ⋆ Implemented a comprehensive network monitoring and performance graphing solution (nagios, Python/Jython, Java, rrdtool).
  - − Programmed more than 20 custom checks for unusual hardware and services.
  - − Created a utility framework for rapid development of new service checks.
- ⋆ Developed a 1-wire based server room, climate sensor network and monitoring solution for less than $100 (owfs, nagios, Python).
- ⋆ Evaluated several free and/or open source virtualization management technologies (VMware-server, ESXi, KVM/libvirt, Proxmox, etc.)
- ⋆ Assembled a Debian-based USB/LiveDVD disaster recovery environment (dnsmasq, pxe, clonezilla, dokuwiki, subversion, puppet).
- ⋆ Built an OpenOffice.org/LibreOffice headless Live CD-ROM image to provide scalable ODT to PDF conversion services to internally hosted Java web applications (BartPE, LibreOffice, OOoServer, KVM/Proxmox).

**2000–2005**   **IT Manager**, *RS Industrial*, Buford, Georgia.

Provided corporate leadership and manpower for all IT initiatives.

Notable achievements:

- ⋆ Supervised the development of, both industrial and retail, e-commerce websites (Java, Apache Tomcat, Python, Zope).
  - − Contributed Java code to integrate with credit card, payment gateway service.
  - − Developed a custom Zope "Product" to facilitate content updates by non-techincal staff.
- ⋆ Cooperated in planning and oversight of the construction of a second building/location, including the design and installation of combined network.
- ⋆ Designed and developed automated reports based on sales and inventory data (MS Excel/VBA, MS SQL Server, Python).
- ⋆ Implemented a voice call notification system (nagios, festival, Python, xmlrpclib, pyserial, Hayes command set)
- ⋆ Researched, recommended and purchased new technology for the entire organization.

---

## Key Skills

| | |
|---|---|
| Systems | Linux (Debian, RHEL), Windows (all variants), iSeries AS/400, OpenBSD, Solaris |
| Network | Apache, Apache Tomcat, ActiveMQ, Postfix, Sendmail, Courier, Dovecot, OpenVPN, OpenSSH, Samba, OpenLDAP, BIND, ISC DHCP, CUPS, netfilter/iptables, pf, OSSEC |
| Databases | PostgreSQL, MySQL, CouchDB/Couchbase, OS/400 DB2 |
| Languages | Python (fluent), bash, Java, Ruby, PHP (moderate), Perl, C (novice) |