

Objective	A mid-level position in system administration or automation (devops).		
Employment	<p>Sleepy Giant Entertainment Chicago, IL <i>Systems Engineer</i> July 2013 and ongoing</p> <ul style="list-style-type: none"> - Monitored game servers for outages, issues. - Introduced to Chef and various devops workflow tools. - Created a few internal scripts/tools, Dash for instance. - Introduced Docker into unit testing workflows. <p>HostGator.Com, LLC Austin, TX <i>Systems Administrator</i> June 2011 to July 2012</p> <ul style="list-style-type: none"> - Primarily help desk support - dealt with issues like: <ul style="list-style-type: none"> o PHP/MySQL/Rails/website/application errors and issues o Backups and restorations, using customer provided tarballs or rsync from NAS backup appliances o Reboot triage and server tuning (particularly MySQL/Percona and Apache) o Software upgrades and installations (Apache/PHP modules, Redmine, phpBB, etc.) - Filed internal bug reports and wrote documentation for company wikis and knowledgebase. <p><i>Systems Monitoring</i> December 2011 to July 2012</p> <ul style="list-style-type: none"> - Monitored >4500 servers, using Zabbix (and ZMonitor), in a small team to maintain quality service. - A typical week consisted of: <ul style="list-style-type: none"> o Reducing abnormal load and user abuse (rogue scripts, spam, hacked accounts) o Checking and reporting hardware health (disk usage, filesystem status, drive swaps, RAID health) o Restoring network connectivity and deflecting attacks (UDP/SYN floods, Slowloris) o And correcting broken configurations (network, services). - Wrote public announcements on the network status forums for extended downtime issues. - Assisted a Level 3 administrator in migrating the farm from 32bit to 64bit. <p>Contracted Positions</p> <ul style="list-style-type: none"> - batee.com - site redesign using bootstrap (by request); uses jekyll for site generation 		
Volunteering	<ul style="list-style-type: none"> - Simple Mona - sole administrator of this pool for the Monacoin cryptocurrency - development ongoing - Knights of Reason - primary contact for technical issues, server owner/co-admin, forum moderator. (server documentation) - The Bike Project of Urbana-Champaign (Urbana, IL, 8/2010-2/2011) - bike mechanic and technologist, e.g. repurposed old laptops with Debian for use at the shop. 		
Projects / One-Offs	<ul style="list-style-type: none"> - ZMonitor - cli dashboard for zabbix written in ruby. - Wagnaria - fansubbing organisation tool written in python and angularjs (copy of it in production). - Showtimes - the original version of the above, but written in PHP using the Slim framework. - IP Lookup - single page app written in angularjs to map a geolocated IP. - Dash - ruby/rack dashboard for nagios with angularjs frontend. 		
Familiarities / Preferences	<p>distros: arch linux, centos, debian</p> <p>lang: bash, ruby, python; markdown, json</p> <p>apps: nginx, mysql, mongodb, rabbitmq, etherpad, chef</p> <p>workflow: git, vim, i3wm, remmina, vagrant, did I mention bash (scripts)?</p>		
Education	University of Illinois at Urbana-Champaign - 2010 – 2011 - East Asian Languages and Cultures		
Links	<p>Github: www.github.com/liliff</p> <p>LinkedIn: www.linkedin.com/in/musee</p> <p><i>Source:</i> https://raw.github.com/liliff/resume/master/resume.md</p>		