

# Musee Ullah

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## Overview

I am a 20 year old systems administrator and server firefighter aspiring to become both a developer and administrator. I learn very quickly in action and am not afraid to take on new ventures. I enjoy what I do and hope to someday create and maintain world changing applications.

## Work Experience

### HostGator.Com, LLC, Austin, TX

#### **Systems Administrator - June 2011 to present**

Part of a large team of administrators, we resolve thousands of issues per day, as a popular web host, across thousands of shared servers, virtual private servers and dedicated servers. These range from common database issues, backups and restorations, and reboot triage to web server/database tuning, major software upgrades and custom installations, filing bug reports and more.

**Highlight:** I was employee of the month for November 2011 (5th month at the job/out of ~120 admins).

#### **Systems Monitoring - December 2011 to present**

As one unit of a small team of monitors (3-4 usually), I proactively monitor the entire shared server portion of the farm (over 4500 servers) for issues before they become major. Issues I handle range from CPU abusers, low disk space, and hard drive errors to Denial of Service attacks/flooding, disaster recovery, and individual site performance reviews. I also make public announcements on our [network status forums](#) for extended downtime issues.

## Skills

**OS/Distros:** CentOS 5, CentOS 6, Arch Linux, Gentoo Linux, Fedora, FreeBSD\*, Ubuntu\*, Windows XP

**Scripting:** Bash, Ruby, Javascript\*

**Markup:** Markdown, HTML4 (w/ a dab of 5), XHTML 1.0, CSS3, YAML, LaTeX, XML\*

**Programming:** PHP

**HTTP:** Lighttpd, Apache, nginx\*, Mongrel, Thin\*

**Database:** MySQL

**Mail:** Exim, Dovecot, mailx

**Monitoring:** Zabbix, sysstat, IPMI

**Network:** tcpdump/ngrep, iptables, iproute2

**Data/FS:** RAID (3ware, Adaptec, MegaRAID)\*, LVM2, FUSE, NAS, rsync, testdisk

**Version Control:** RCS, Git, Subversion\*

**Package Managers:** portage, pacman, yum/rpm

**Virtualisation:** Virtuozzo\*, VirtualBox, TightVNC

**Miscellaneous:** cPanel/WHM, LAMP, GCC/Compiling, BIND, Jekyll

*\* indicates partial understanding and ability to set-up/troubleshoot, and that it is a skill in progress*

## Volunteer Experience

### The Bike Project of Urbana-Champaign - August 2010 to February 2011

#### **Bike Mechanic**

Assisted visitors to the on-campus shop with maintaining and building bicycles, and created the sister [Registered Student Organisation](#) on campus as the president.

#### **Technologist**

Repurposed two decade-old computers to use around the shop/help business flow in the organisation. Also managed membership information and helped to create a scalable membership system.