JACK HAMILTON

SUMMARY

Enjoy automating away tasks through programming and mastering tools to maximize server maintenance efficiencies. Seeking DevOps positions, especially those working with cloud and virtualization technologies.

CONTACT

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- http://www.jackhamilton.net/projects.html
- https://github.com/jacklh9
- LATEST RESUME(S) CAN BE FOUND @ http://www.jackhamilton.net/resume.html
- ADDITIONAL WORK-EXPERIENCE DETAILED @ https://linkedin.com/in/jacklhamilton

RELATED SKILLS

SCRIPTING LANGUAGES:

- Python
- Perl
- UNIX shell-script (Bourne/Bash, C shell, Korn)
- MS DOS batch

VIRTUALIZATION:

- Ubuntu LXC/LXD
- Qemu KVM
- Oracle Virtual Box
- VMware Server/ESXi
- Cygwin
- MKS Nutshell
- DOSBox
- Daemon Tools optical drive emulation

FILESERVER/FILESYSTEM EXPERIENCE:

- Hardware RAID 0,1, 5, 6 setup/configuration
- Windows NTFS and legacy
- Linux btrfs, ext2/3/4, CIFS/Samba, NFS, LVM, Grub, Parted, FDISK

NETWORKING:

- Ansible automation
- Cisco CCNA coursework
- Tectia SSH install, configuration
- OpenSSH install, configuration
- SSH transfer automation

EXPERIENCE

Freelance Work   San Diego, CA
                                   June 2016 – Present

- Lubuntu 16.04 LTS server install and setup. LXC host environment running LXD virtual on BTRFS filesystem with hardware RAID managed with Ansible.
- Installed and configured BTRBCK automated hourly/daily backup system, including off-site backups.

Dev Bootcamp   San Diego, CA
Student   Dec 2015 – May 2016

- 1000+ hours coding in 19 week fully immersive programming boot camp.
- Deployed applications to Heroku cloud servers.

Mitsubishi UFJ Financial Group   San Diego, CA
Software Developer/Analyst   Oct 2005 to Apr 2016

- Created Perl-based Ansible-like program to automate weekly server health report using scalable XML-configurable files to automatically perform post-weekly reboot and post-patch validation across 200+ Windows (2K, 2K3, 2K8) servers.
- Installed and administered clustered Windows-based (2008) Tectia SSH Servers.
- Installed and administered 5 SUSE Linux hardware controllers used for Magnetic Character Recognition sorting of checks.
- Windows server administration and application support, including coordination of patch updates during maintenance windows and performing annual contingency disaster-recovery scenarios for annual certifications.

Syntricity San Diego, CA
UNIX Systems Support Engineer Summer 2005

- Setup, configured company's Java/Oracle-based application and FTP data transfers on customer UNIX servers.
- Maintained existing UNIX shell & Python scripts.
- Provided second level support to the Help Desk for setup/configuration/troubleshooting of issues for UNIX/Windows environments and FTP pushes/pulls for electronic data transfers.

Memec San Diego, CA
Senior/Lead Tech Support Analyst 2002 to 2005

- Tier I Help Desk Support.
- Batch scripting for Windows desktop task automation.

Southwestern College San Diego, CA
Computer Lab Technician & Tutor 1999 to 2000

- Windows tech support in the faculty/staff computer lab.
- Installed and maintained Linux server for use by Operating Systems class.

Stanford University Palo Alto, CA
Tech Support Consultant 1998 to 1999

- Provided UNIX (Solaris), PC and Mac technical support to users of the Stanford University Network, consisting of 30,000+ students, faculty and staff.
- Customer support was handled via walk-ins, email, but predominantly over the telephone.
- Position commanded friendly customer service, good interpersonal skills while in a team-oriented environment, and extensive knowledge of several software packages on several platforms, as well as excellent troubleshooting skills.

EDUCATION

Dev Bootcamp San Diego, CA
Student Dec 2015 – May 2016

- See "Experience" section above.

San Diego Continuing Education San Diego, CA
Student 2005

- CCNA coursework. Hands-on experience accessing and flashing new firmware, configs to NVRAM via telnet/TFTP.

Stanford University Palo Alto, CA
Student 1996-1999

- **Computer Science coursework**