Nicholas Depinet

http://github.com/nickdepinet/

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OBJECTIVE

Seeking co-operative employment in the field of software development or devops, preferably working in python and/or web infrastructure, to start June 2014.

SUMMARY

I love to use programming to solve interesting problems. I am also a huge proponent of python - I love to learn more about the language and exploit its quirks when I'm solving problems—which is likely why I chose to create my resume in python rather than something more conventional like latex. My work and personal projects reflect my passion for python and my passion for solving problems.

EDUCATION

Rochester Insitute of Technology
B.S. Computer Science
Expected Graduation 2016

SKILLS

Languages Python, C, Java, PHP, Bash, jQuery, Haml/HTML, LESS/CSS
Tools Git/Mercurial, Vim, Django, Tornado, Twisted, Autobahn, ReportLab
Platforms Debian, RHEL, OSX, Windows, Cisco IOS
Services MySQL, PostgreSQL, MongoDB, Apache/Nginx, HAProxy, Gunicorn
Certifications Cisco Certified Network Associate (CCNA)

EXPERIENCE

SpkrBar - Columbus, OH
Software Developer: September 2013 - December 2013
Develop and maintain the front and backend of a startup website using Python and the Django framework. The website allows technical conferences, speakers, and attendees to connect and keep up to date. Primary Responsibilities include fixing bugs found in the website, implementing new features, and testing. Languages used include Python, Django, HTML, JavaScript, and CSS.

Olah Healthcare (formerly STI-Healthcare) - Columbus, OH
Software Engineering Intern: May - August 2013
Developed a web application using Python and the Django framework to allow hospitals to easily store, search, and retrieve archived medical records. Primary Responsibility was the design and implementation of the metadata storage backend, as well as the search functionality (backend and frontend).

Computer Science House - Rochester, NY
Drink Administrator: February 2013 - Present
Responsible for managing the networked drink and snack machines at Computer Science House. Duties include maintaining the hardware of the machines, including fixing things when they broke, operating and maintaining the Node.JS Server, and maintaining the software used to run the system.

STI-Healthcare - Columbus, OH
Network Server Administration Intern: May - August 2012
Maintained a small business network consisting of windows and linux machines and servers. Responsibilities included setting up VPN connections between the company and client hospitals, and configuring and maintaining linux virtual servers to be used for testing and development.

New Albany High School - New Albany, OH
Life Guard and Water Safety Instructor: June 2009 - May 2012
Taught children ages 8-12 to swim, emphasizing safe water skills and overcoming their fears of the water. As the only lifeguard on duty, I was responsible for ensuring the safety of all patrons of the pool

PROJECTS

Nexus Q Development - http://github.com/nickdepinet/android_device_google_steelhead
Working to port CyanogenMod 11 to the Nexus Q. Part of a small team that maintains the existing android code for the nexus q, and implements new features.We are working to fix all of the bugs found on the device to turn it into a viable media center machine. We have already implemented full control of the leds on the led ring of the device, and are working on support for the leapmotion.

DrinkPi - http://github.com/jeid64/drinkpi/
Worked with a partner to replace a failing component in the Computer Science House drink machines. The software controlling the machines was previously written in java and running on Dallas TINI microcomputers. These TINI's were failing and were no longer produced, so we re-wrote the software in python to run on a Raspberry Pi. The software talks to the drink server over sockets using the SUNDAY protocol, and to the drink machine hardware using the 1-Wire protocol and a usb 1-Wire bus master.

TempMon - http://github.com/nickdepinet/tempmon/
Implemented a temperature monitoring system for a server room using a Raspberry Pi. The system monitors temperature using a series of DSB1820 temperature sensors. When the temperature exceeds a set limit, an email notification is sent. The software, including temperature reading, threading, and email notification is written in python.

IBM Master the Mainframe Competition
I have been a part 2 completionist in IBM's yearly Master the Mainframe competetion every year I have competed since 2008. In addition, in 2011 I was one of the first 100 competitors to finish part 2 of the competition, and therefore was a part 2 winner for 2011. This contest has given me experience working with mainframes and the Job Control Language (JCL).