Nicholas Depinet

http://github.com/nickdepinet/

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OBJECTIVE

Seeking co-operative employment in the field of software development, preferably working in python and web backend infrastructure or distributed computing, to start June 2015.

SUMMARY

I love to use programming to solve interesting problems. I love working in Python (which is why I generated this resume in Python using ReportLab), but I am comfortable working in a variety of languages. I am currently exploring the exciting world of distributed and cloud computing, and love to discuss the unique opportunities this type of computing presents.

EDUCATION

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

SKILLS

Languages Python, C, Java, MIPS Assembly, 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

Nebula - Seattle, WA
Software Development Intern, Control Plane: June - August 2014
Developed improvements to the initial installation experience of the Nebula One product. In addition, researched technical feasibility of switching a storage backend from ZooKeeper to Cassandra. Development done in python, using multiple frameworks and data structures.

SpkrBar - Columbus, OH
Software Developer: September - 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

STI-Healthcare - Columbus, OH
Network & Server Administration Intern: May - August 2012

PROJECTS

g()('al') - http://github.com/eatnumber1/goal
Completed the first python solution to the g()('al') programming challenge. The "goal" of the g()('al') challenge is to enable the calling of g()('al') in the source of the language of choice with n ()'s, and to be returned the string "goal" with the appropriate number of "o"s.

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.

Nexus Q Development - http://github.com/nickdepinet/android_device_google_steelhead
Part of a small team working to keep the Nexus Q alive as a viable media device running Cyanogenmod 11.

IBM Master the Mainframe Competition