Xeno Campanoli

Cell (voice message service): (206) 947-7664
Email: (xeno.campanoli@gmail.com)

Skype: xeno.campanoli

Last updated: Monday March 5, 2018

Item	Hours		Recent Study	Expertise	Comments
	Hours coding	Code reading			
Bash	2,500	2000	20	Expert	
Ruby	1,500	400	20	Expert	Successful applications of various sizes, as well as test suites.
C	1,500	2000	15	Good	One very large internal tools application and many small programs.
OO C++	80	500	200	Light	Light applications
Python	200	200	45	Light	
Tensorflow (in Python)	80	16	20	Medium	
Make	100	100	4	Light	https://github.com/xenocampanoli/something/blob/master/c/ppgeneric/Makefile
Awk	40	20	1	Light	
VBox	40	10	0	Medium	
KVM	5	1	1	Light	
Hyperv	1	1	1	Light	
ltib	1	1	1	Light	
Ubuntu	100	1000	40	Expert	
Debian	1	10	1	Light	
RedHat	2	40	1	Light	
CentOS	30	80	0	Light	
SuSE	4	20	10	Light	
Jenkins	200	200	1	Light	
Bamboo	1	8	2	Light	
POSIX Shell	100	200	25	Expert	
Windows 10	100	200	25	Weak	
Windows Bash	100	2	1	Light	
Perl	1000	300	100	Extensive	
Power Shell	1000	300	100	Medium	
Groovy	2	10	12	Light	
Java	50	200	100	Light	
JUnit	4	4	1	Medium	
C#	20	40	40	Medium	
QPID	4	4	4	Medium	
AMQP	4	4	4	Medium	
CGI	100	100	0	Medium	
Red Hat Cluster Management	1	8	8	Medium	
Ruby/Minitest	400	100	24	Expert	
Ruby/TestUnit	40	40	8	Good	
Bats	90	4	4	Good	
Criterion	12	2	1	Medium	
Google Test	1	2	2	Light	
RSpec	40	100	0	Medium	
Cucumber	100	100	2	Medium	
Pester	20	4	2	Medium	
shunit2	12	1	1	Medium	
Ruby On Rails	200	300	100	Medium	
Visual Studio	20	2	2	Weak	
Go	20	2	20	Light	
Go Native Tests	4	3	4	Light	
Julia	1	3	4	Poor	
Logic PD Hardware	8	3	32	Light	

Experience:

Programmer, Analyst at Kestra Medical

February 2018 to March 2018

- Used Logic PD Hardware
- Administration Activities using Bamboo, Jenkins, Ubuntu
- ltib build framework
- confluence documentation

Developer, Analyst at Microsoft

August 2017 to November 2017

- OMS development for support of Linux Azure.
- Refactored administrative shell scripts integral to product, eliminating bugs.
- Wrote new unit tests, system tests, and install tests, as well as wrapper tools for ease of developer use.
- Built install bundles and tested for each project.
- Worked in Microsoft git / github release process.
- Wrote install tests and scripts to help run these.
- Figured out bug with new feature by reading documents and research.
- Helped with customer tickets.

Developer, Analyst at Microsoft

April 2017 to July 2017

- Aided Scientest in use of tripletloss image learning programs in Python and Tensorflow.
- Programmed modifications to existing Python Tensorflow programs from two different suites.
- Provided enhanced adminitstrative tools for crop/alignment, training, and forward pass runs.
- Improved administrative tools for managing large directory trees of images as datasets.

SDET, Tools Developer, Analyst at Meteorcomm

October 2016 to March 2017

- Component Behavior Profiling, Behavior Evidence Cataloguing and Analysis
- Test System Planning and Organization
- Codebase reading and comprehension in Ruby, C/C++, Bash, Cucumber, Awk
- Study of partially running and broken legacy software, with resurrection to functionality when needed.
- Combinations usage and testing of Red Hat clusters, and QPID components
- Worked efficiently with infrastructure personnel around improvement potentials, buts, and breakdowns.
- Cucumber test development
- Programming Ruby and Bash
- Performance Automation and Testing
- QPID/AMQP environment tools development, design and maintenance
- Redhat MRG environment
- RedHat 6.7

- AMQP Data profiling with both Ruby and Bash

SDET, Tools Developer, Microsoft

One year Contract

July 2015 to June 20...

- Originally hired for experience in Linux, with primary project being on Ubuntu.
- Refactored embedded Powershell scripts in Jenkins to call independent Powershell script libraries supported by Pester Unit Tests.
- Configured automation for testing of Azure SKUs under SPEC JBB, SPEC CPU 2006, COREMARK, fio
- Enhanced C# applications and tools to meet expanding needs of the project.
- Used Jenkins GUI configurations to improve and adjust function for the needs of the project.
- Worked across many OS types and versions including: Windows 10, Windows Server 2012 Datacenter, Ubuntu, CentOS, SuSE
- Used Codeflow for code reviews.
- Used Ubuntu, CentOS, SuSE and Cygwin to develop cross platform code for both Linux and Windows that worked and could be maintained with close to the same function, and similar looking code.

SDE Sqoop,

Contract

2014

- Assisted with Linux/Ruby based application built with JRuby using logs of purely functional list comprehension oriented constructs. Provided add on unit testing examples.
- Tested and made assessments of progressing Ruby on Rails web site interface.

SDET, Mozy/EMC

Contract

January 2014 to Ma...

- Tested and developed automation tests for Ubuntu, Debian, CentOS on VMWare virtual machines.
- Provided prototype ideas for improved constructs in Ruby.
- Did some manual testing and bug reporting.
- Helped co-workers with Ruby questions.

SDE, SDET, Rhapsody Online/Real Networks/Rhapsody International

Salary Position

June 2007 to Septer...

- Installed and maintained the department's build and monitoring servers in CentOS and Ubuntu.
- Used my build software scripts and our CentOS build server to provide builds for other departments and projects.
- Developed support monitoring tool using Ruby and curl with extensive web reporting.
- Developed and maintained a wide range of tools using Ruby, Bash, ANT, Java, Javascript
- Wrote, configured and maintained build software
- Supported and helped maintain GUI testing automation

Real Networks - Software Development and Test Engineer in QA and Dev/Build

Contract

June 2005 to June 2...

- Re-built and maintained build server and build scripts for product.
- Wrote complex cache clear tool for site using ruby and curl.
- Wrote build tools with web GUI front end and authentication.
- Wrote source code comparison tool with special abstraction mechanisms as per spec from manager.
- Built Linux servers for QA department needs.
- Generally supported any Linux/Shell/Ruby tools needs.
- Assisted in analysis and testing duties.

Aventail - SDET

Salary

January 2001 to Oc...

- Built Perl Based Test software for SSL security configurations tests.
- Developed software completely on my own Debian Laptop.

ShopNow.com / Network Commerce

Salary

June 2000 to Septer...

- Lead Perl programmer on a RedHat Linux based website product.

Intel - SDE

Contract

January 2000 to Ma...

- Helped team build and analyze web based application for new thin server product.
- Development was on Linux with Apache, as this was the most convenient starting platform.

Quanta Investments - SDE

Salary

September 1998 to ...

- Built, almost completely on my own, from bottom up, a Linux based customer fulfillment software.
- Initial research involved testing software aspects of Debian, RedHat, Mandrake, SuSE versions of Linux.
- Eventually settled on Mandrake.
- Did extensive domain research, including staff interviews, to establish design needs.
- Tested entire system on my own, and got it working without serious failures.
- Included a ReadWrite and a Readonly copy of MySQL databases, Object Based Perl scripting to do GUIs and administration.
- Made its own automated backups, with notifications.
- Was installable in entirety with RO backup on bosses laptop, so that he could have maintained copies of his own.
- I deployed first version, and it had high availability and reliability, and immediately increased quality of data through helpful validations.

Early Linux Experience

First experiences with Linux began in 1993, and after 1994 I always have had a Linux system in my home. Through most of the 90s I was used to compiling my own kernels (I was already a Unix C programmer at that time). Linux flavors I've worked on over the years include: Ubuntu, Debian, RedHat, CentOS, openSuSE, Fedora, Slackware, Mandrake, Gentoo. I have also used BSD, Sys5, Solaris, Ultrix, Vax/VMS, AIX, qnx, TOPS-10, Perkin-Elmer OS/32.

Code Examples

- [Shwrap](#)
- [DocSrc](#)
- [Algorithms exercises (not finished)](#)

Education:

[B.A., Economics, University of Washington. Cum Laude, Phi Beta Kappa. Focus on mathematics and statistics.](#)