

Chris Robertson
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EXPERIENCE

I enjoy building and working on smart teams making amazing products that are creative, well designed with solid engineering behind the company. I am a self motivated, driven engineer striving to make the highest quality systems and software. I use innovative thinking, experience and a passion for details to solve new problems with technology. I enjoy working on new innovative tools and infrastructure projects because it gives me the chance to build something new and think of how to solve problems in new creative ways, save people time, improve systems and make efficient well working systems.

I communicate effectively across levels of management and staff and enjoy teaching and sharing knowledge and organizing technology classes. I am an expert writing modular reusable code and debugging code as well as creating technical documentation. I am an expert at setting up new systems and updating/migrating systems, system tuning and optimizing servers for resources and objectives. I am resourceful, versatile and cool under pressure.

Skills include: Deployments, development, monitoring, graphing, web applications, distributed computing, programming, user interface, command line, system architecture, explaining technical topics, data visualization, automation, programming languages, desktop, mobile apps, media, creation and creative techniques.

Specialties: Unix, Linux, Python, Bash, DevOps, Docker, Jenkins, Git, Fabric, Ansible, Puppet, Nagios, SRE, Automation, AWS, ECS, Google Cloud, SVN, Apache, Nginx, Debian, Ubuntu, RHEL, MySQL, SQL, PHP, Infrastructure Tools, Technical Writing.

EDUCATION

I graduated with a Bachelor of Science in Computer Information Systems from DeVry University in October 2004 with a GPA of 3.08.

CURRENT JOB HISTORY

Apple - April 2016 - July 2017 - Site Reliability Engineer

Worked on iCloud: Python, Bash, Docker, DevOps, Splunk, Java deployments, run books, technical documentation, troubleshooting, tools development, monitoring systems, automation scripts, working with the data team.

GoPro - Dec 2014 - April 2016 - DevOps Engineer

Worked on GoPro Plus: DevOps, Engineering, Infrastructure Tools, Python Pro, Bash Expert, Nagios Pro, Teaching, Ruby, Tech Documentation and run books, Linux Expert, Monitoring and Graphing, Docker, Nginx, Ansible, New Relic, AWS, EC2, ELB, CloudFront, S3, Architecture Tools, Problem Solving, Helping with issues, technical research and prioritization of issues, deployments, Jenkins, organizing information and resources, deployment scripts and process, infrastructure cost analysis. Helping developers with roadblocks, identify, research and help fix bugs and improve the quality of the customer facing website and many other critical systems.

Your Idea Space - January 2000 - Present - Software Developer

Your Idea Space is a creative hobby portfolio education project for building websites and teaching and sharing technology ideas for audio, web, visual, graphics and science for musicians, artists, educators and creative professionals. Created a project called System Capture to capture system information in the event of a system spike. Created a web and Python, Java open source math flash card application for memorizing and education. Created a social community music site for like minded musicians to share original music, share ideas and comments with other musicians and collaborate. Tech: Python, Golang, Bash, PHP, MySQL, Linux, Apache, Javascript, Nagios, D3.js, WebGL, Perl, Debian, Ubuntu, AWS, Rackspace, Google Cloud, Redis, HTML, CSS, AJAX, Git, Ansible, Software Engineer, System Administrator, Software Architect, educator. Project Websites: <http://www.yourideospace.com> <https://github.com/electronicsleep>

DropThought - July 2013 - Dec 2014 - DevOps Engineer

Created AWS infrastructure tools, auto backup automation and testing, database structure docs, server processes and standards for the company and created a dynamic monitoring and graphing tools for alerting and trend analysis. Also created a business intelligence program which analyzed daily, weekly and monthly feedback activity to find spikes, trends, business opportunities and graphed the data with D3 for scaling the infrastructure and for visibility in company activity. Also worked on administrating and growing the current infrastructure and managing servers, deployments, security and scaling the website. Tech: Linux, Development, Operations, Auto Scale, Expert AWS Command Line Tools, Automation, Python, PHP, Javascript, jQuery, D3, Puppet, Ansible, Redis, Cloud Computing, enabling and educating programmers, AWS, EC2, S3, EBS, ELB, RDS, Linode, Rackspace, Ubuntu Linux, APIs, DevOps tools, technical documentation, auto deployments, release procedures, NoSQL, SQL, Wordpress, Drupal, high availability, fault tolerant systems, big data concepts, graphing critical business data, full stack developer, debugging and deploying the software stack, sharing knowledge, building business logic documentation, tech presentations to explain complex topics, teaching, run books and tech documentation.

Apple - May 2012 - June 2013 - System Administrator

Worked two positions at Apple. One was working on a team developing a global scale inventory system for all the retail stores as a Server Engineer then moved into the IT group working on a number of global, high visible, and critical communications systems internally and externally within Apple as a System Administrator. Worked on many different monitoring systems and improved network and system monitoring, upgraded and migrated Nagios, used and improved virtual machine tools, created custom health checks, deployed new releases, lots of troubleshooting and on call rotation. Tech: UNIX/Linux scripting, Bash, Perl, Python, virtual machine technology, system administration, system documentation, software deployment, software releases, change management, MTAs, Inventory Management, Git, CouchDB, NoSQL, SQL, build process, system monitoring, operations, automation, Nagios, Zabbix, debugging and monitoring of applications, PXEboot, Kickstart, Homebrew.

Yahoo! - Oct 2011 - May 2012 - Service Engineer

Worked as a Service Engineer managing a Hadoop advertising system related to Yahoo! Search. Tech: Perl, Bash, Cluster Management, Hadoop, Search Clusters, Crawlers, Indexers, Big Data, Commodity Linux Server Troubleshooting, Operation at Scale, Red Hat Linux, Custom Nagios Plugins, Open Source. Managed thousands of search and advertising servers and wrote documentation and run books for issues and tasks.

Appointment-Plus - Oct 2007 - Oct 2011 - Software Dev, Sys Admin

Worked as a full stack developer and system admin for an online appointment setting software. Tech: PHP, MySQL, Bash, Apache, Linux, Red Hat Linux, LAMP, SVN, Debian, Cloud Servers, Rack Servers, Rackspace Cloud, Amazon EC2, HTML, AJAX, CSS, Perl, JSON, XML, on call, last level tech support, Senior Software Developer, System Administrator. The company has grown exponentially for over 5 years, was hired very early on as the programmer, sysadmin, debugging, QA and even some support work. Now my original job is run by at least 3 different departments of course in a different capacity than before.

Desert Schools Federal CU - Jan 2005 - Oct 2007 - Technical Analyst

Worked on the back office mainframe system for a credit union. Tech: Mainframe Operator, Administrator, Software Developer, THE Linux guy, POSIX compliant HP mainframe. ran ACH deposits, tape backups, spool printing and learned the inner components of the credit union software to troubleshoot tickets, was on pager rotation for the mainframe, learned MPE Shell, mainframe languages, financial software and mainframe technology. I troubleshoot cash dispense machines and generally keep things running by fixing issues that arise. I programmed automation and monitoring on ACH and external systems to the mainframe.

TeleTracker Software - June 2004 - Jan 2005 - Programmer

Maintained and updated the companies Visual Basic code base that is used to manage cell phone companies sales and inventory. I upgraded different program components for merchant, accounting and sales tracking. I also debugged many of the existing reports and application issues. I identified database issues and coordinated with the database engineer and lead programmer to add new features and modifications to existing reports.

Discover Card - Nov 1997 - June 2004 - Technical Analyst

I worked at Discover Card for six years. I designed and implemented reports for the collections center using Access, Excel, and Crystal Reports and distributed them across the intranet for the Phoenix call center. I also completed a training manual for my position. I used Lotus Notes, Mainframe/CICS and troubleshoot credit card machines in my daily job. I started on the phone and worked in the marketing, merchant, collections, and sales centers.

Contact info and references available upon request.