

Jared Dunbar

Email: jrddunbr@gmail.com
Website: <https://ja13.org>

Cell: (860) 578-6821
GitHub: <https://github.com/jrddunbr>

Professional Summary

Highly motivated college graduate with Bachelor's Degree in Computer Science and exceptional IT working experiences, communication ability, and problem solving skill set. Experience with critical Production Linux systems including Red Hat Enterprise Linux.

Core Qualifications

- Server and Network Engineering and Administration background
- Production Linux System Administration Experience
- Highly analytical thinking, ability to identify and resolve complex problems
- Strong communication skills, effectively conveys information both verbally and in writing
- Detail oriented and ability to prioritize multiple concurrent projects
- Team Player: works with other system administrators and team members to solve complex problems and provide leadership

Education

Clarkson University
B.S. Computer Science, Minors in IT & Communications

Potsdam, NY
August 2015 - May 2019

Work Experience

Mediacom Communications Corporation - IT Operations
Production Linux System Administrator I

Mediacom Park, NY
November 2019 - Present

- Production Linux Administrator on RHEL servers powering millions of customers
- Daily monitoring and regular maintenance of multiple monitoring systems
- 24/7 On-Call Rotation experiences - able to handle complex situations in a pinch
- Multiple successful deployments to critical systems in multiple geographic regions
- Assist senior system engineers with upgrade planning to production infrastructure
- Provide highest tier support to application developer teams and engineers
- Work efficiently with remote teams and system engineers to solve problems
- Inventory management - write scripts to help gather information about servers from various environments and process it into one large concise inventory database
- Organize documentation into a quickly accessible format and archive old data
- Created new internal website from scratch to organize links and contacts

Updated March 3rd, 2020

Work Experience (Continued)

Clarkson University - Office of Information Technology **Server and Network Engineer**

Potsdam, NY
September 2016 - March 2019

- Helped designing and Deploying fiber network including running fiber optics, installing fiber patch panels, and certifying the communication links
- Helped deployment of Juniper switch network, including configuration of Juniper switches and converting from existing Cisco configurations
- Involved in maintenance of data-centers, deployed environmental sensor arrays to protect infrastructure, installed server and network hardware, keeping equipment inventory to support assets management
- Integrate Linux systems with Windows Active Directory
- Wrote internal monitoring software to enhance Nagios monitoring software suite, as a major component of a new end-user facing status page

Additional Technical Experience

Clarkson University **Clarkson Open Source Institute (COSI)**

Potsdam, NY
August 2015 - June 2019

- Held the role of Lead System Administrator for over three years, responsible for operating most systems (20+ servers) for day to day operations of 100+ users
- Lead multiple computer science outreach programs and create curriculum for the programs, teaching 5-12th grade students to get them interested in STEM fields
- Manage VM hosts, public FOSS mirror, websites, write extensive documentation
- Designed, implemented, and maintained Juniper and TP-Link networking hardware
- Deployed new 10G fiber hardware, Ubiquity WiFi, IPv6 upgrade, new redundant DHCP and DNS systems, firewalls, VPN's
- Managed budgeting, quoting for new servers, network hardware, end user systems

Additional Technical Skills

Programming

Fluent: Python, Java, Kotlin, Git version control

Familiar: HTML/CSS, Bash, Perl, Rust, LaTeX, Nix, ansible, and LabVIEW

Software

Experienced with iptables, dhcpd, nginx, systemd services and timers, Red Hat Satellite, Nagios XI, and Nagios Core

Worked with SLURM cluster, Asterisk VoIP, apache2, MySQL, sqlite, ansible

Operating Systems

Production experience with Red Hat Enterprise Linux (RHEL), Ubuntu, CentOS

Work with Junos, Cisco IOS, Arch Linux, and NixOS from time to time

Technologies

Experience with 802.1Q VLAN's, LACP, STP, SNMP, LDAP, Kerberos, DNS, DHCP

Updated March 3rd, 2020