

Jared Dunbar

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Professional Skills

Server and Network Engineering and Administration, Cloud (AWS/Azure)
Cybersecurity, Scripting Languages, Team Player, Leadership

Education

Clarkson University

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

Potsdam, NY

August 2015 - May 2019

Work Experience

Clarkson University - Office of Information Technology

Server and Network Engineer, Helpdesk Technician

Potsdam, NY

September 2016 - March 2019

- Integrate CentOS systems with Windows Active Directory
- Write internal monitoring software in Python to enhance Nagios monitoring software suite, as a major component of a new end-user facing status page
- Install, configure, and maintain RHEL, CentOS, Fedora, and Ubuntu linux end-user workstations, including debugging software problems and hardware

Clarkson University - Department of Engineering

Cluster Engineer and Administrator

Potsdam, NY

December 2017 - May 2019

- Designed, installed, configured, and maintained multiple Fedora systems to run specialized cluster software using Infiniband networking hardware and SLURM cluster management software, including deployment scripts for machines
- Reimplemented the entire system detailed above with CentOS after testing period

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
- Manage VM hosts, popular FOSS mirror, websites, write extensive documentation
- Deploy new 10G fiber hardware, Ubiquity WiFi, IPv6 upgrade, new redundant DHCP and DNS systems, firewalls, VPN's, network deployment servers, PXE
- Managed budgeting, quoting for new servers, network hardware, end user systems
- Team Player: works with other system administrators to solve complex problems

Technical Skills

Languages: Fluent in Python, Java, Kotlin, Familiar with HTML/CSS, Bash, Perl, Rust, LaTeX

Operating Systems: Fluent System Administration of Ubuntu, CentOS, RHEL, and many other Linux distributions. Familiar with Junos, Cisco IOS, Microsoft Active Directory

Software: Fluent with iptables, dhcpd, nginx, systemd services and timers. Familiar with SLURM clustering software, Asterisk VoIP Software, apache2, MySQL, sqlite

Linux Experience Resume – Last Revised July 24th, 2019