Jared Dunbar

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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.

Committed to utilizing a broad knowledge obtained through the college years to facilitate an enterprise to innovate and keep a competitive edge.

Core Qualifications

- Server and Network Engineering and Administration
- Cloud Computing (AWS/Azure) and Cybersecurity
- Scripting languages and Software Programming
- Highly analytical thinking, ability to identify and resolve complex IT problems
- Strong communication skills, effectively conveys information both verbally and in writing
- Detail originated 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   Potsdam, NY
B.S. Computer Science, Minors in IT & Communications   *August 2015 - May 2019*

Work Experience

Clarkson University - Office of Information Technology   Potsdam, NY
Server and Network Engineer   *September 2016 - March 2019*

- Helped designing and Deploying fiber network which included 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
- Write internal monitoring software to enhance Nagios monitoring software suite, as a major component of a new end-user facing status page

Helpdesk Technician

- Image computers, install software and configure licensing
- Work one-on-one with clients, resolve hardware and software problems

Updated August 30th, 2019

Additional Technical Experience

Clarkson University   Potsdam, NY
Clarkson Open Source Institute (COSI)   *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

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

Technologies: 802.1Q VLAN's, LACP, STP, SNMP, LDAP, Kerberos

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