Jared A. Dunbar

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Education – **Bachelor's Degree in Computer Science, Minor in IT**

Clarkson University, Potsdam, NY   *Graduation Date: May 2019*

Professional Work Experience

Office of Info Tech, Clarkson University – Main Office   *Jan 2018 – Present*

- Installing fiber patches, configuring Juniper switches, converting older IOS configurations into newer Juniper network configurations for new hardware
- Integrating Linux systems with Windows Active Directory, including SMB shares
- Writing internal monitoring software to enhance Nagios monitoring software suite
- Working in data-centers, connecting sensor arrays, installing hardware, inventory

Office of Info Tech, Clarkson University – IT Helpdesk   *Sept. 2016 – Present*

- Imaging computers, installing software and configuring licensing
- Diagnosing and resolving hardware and software problems
- Working one-on-one with faculty and students to solve technical problems

Additional Technical Experience

Clarkson Open Source Institute (COSI)   *Aug. 2015 – Present*

Lead an outreach program, teamed up with CU Project Challenge, Google igniteCS

Has held role of System Administrator for over two years:

- Manage VM hosts, websites, documentation, public FOSS mirror
- Maintain racks, including set-up of servers, configuration of network switches, combining LACP, STP, SNMP, VLANs on Juniper and TP Link switching hardware, implement and operate firewall systems, DNS systems, Ubiquity WiFi deployment
- Team player – work with other system administrators to solve complex problems

Technical Skills

Fluent in Python 3, Bash, Markdown, Java, LabVIEW, familiar with HTML/CSS

Fluent System Administration of Arch Linux, Debian, Ubuntu, Fedora, CentOS, RHEL, and popular derivatives. Experienced with Windows platform as well

Working knowledge of Server Hardware, Network Hardware, Juniper Networks CLI

Familiar with Cisco IOS CLI, SLURM cluster software, Asterisk VoIP software