

Jared A. Dunbar

jrddunbr@gmail.com | cell (860) 578-6821

github.com/jrddunbr | ja13.org | CF20 2CC8 59BA C692

Bachelor's Degree in Computer Science, Minor in IT & Communication

Clarkson University, Potsdam, NY

August 2015 - May 2019

Professional Work Experience

Office of Info Tech, Clarkson University - Main Office

Jan 2018 - Present

- Install fiber patches and running fiber optics, configure Juniper switches, convert Cisco IOS switch configurations to Juniper switch configurations
- Integrate Linux systems with Windows Active Directory, incl. network shares
- Write internal monitoring software to enhance Nagios monitoring software suite
- Work in data-centers, connecting sensor arrays, installing hardware, inventory

Office of Info Tech, Clarkson University - IT Helpdesk

Sept. 2016 - Present

- Image computers, installing software and configuring licensing
- Work one-on-one with clients, resolve hardware and software problems

Additional Technical Experience

Clarkson Open Source Institute (COSI)

Aug. 2015 - Present

Lead multiple computer science outreach programs, teaching 5-12th grade students

Held role of Lead System Administrator for over three years:

- Manage VM hosts, websites, documentation, public FOSS mirror
- Maintain racks, set-up of servers, configuration of network switches, and DNS.
- Made initial designs, implemented, and operate LACP, STP, SNMP, VLANs on Juniper and TP Link switching hardware, firewall and routing systems, 10G fiber optics and Ubiquiti WiFi deployment, redundant DHCP and DNS systems
- Team player - work with other system administrators to solve complex problems

Technical Skills

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

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

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

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