

Grant Cohoe

EDUCATION	Rochester Institute of Technology , Rochester, NY B.S., Applied Networking & System Administration, May 2013 • Minors in Database Design & Development and Applied Communication	GPA: 3.23/4.0
SKILLS	Management Tools: Ansible, Puppet, VMware vSphere, Cisco UCS Manager, EMC Unisphere Cloud Providers: Amazon Web Services, Microsoft Azure, OpenStack, VMware vCloud & vCloud Air Network: Cisco Catalyst & Nexus Switching, JunOS, F5, IronPort WSA, VPN (IPsec, AnyConnect) Services & Applications: OpenLDAP, ISC-BIND/DHCPD, Jenkins, Github Enterprise, Docker System Platforms: Linux (Focus: RHEL/SLES), Windows Server (2003-2016) Development: Python, Bash, Git, Perforce	
PROJECTS	Bluetooth Headphone Connection Manager <ul style="list-style-type: none">• Tool in Python on Fedora Linux to manage PulseAudio sinks and deal with Bluetooth connectivity quirks.• Listens for Dbus events and routes audio stream based on user configuration and connection state. College Hockey Scheduling API (In Progress) <ul style="list-style-type: none">• Designed and implemented a RESTful API using DynamoDB, Lambda, and API Gateway (AWS).• Uses the Serverless framework to provide high scalability with no persistent infrastructure. Pipeline-based Package Mirror <ul style="list-style-type: none">• Developed an RPM HTTP-only mirror system using Jenkins Pipeline Builder and Python.• Jobs defined as JSON so service is fully deployable from VCS (only Jenkins installation required). Open Source Network Resource & Access Manager - http://grantcohoe.com/projects/starrs <ul style="list-style-type: none">• Designed and developed an interactive system for auditing and management of network resources.• Gives users a self-service portal to provision logical resources such as IP addresses and DNS records.	
PROFESSIONAL EXPERIENCE	Constant Contact , Waltham MA <u>Senior System Engineer</u> • Develop and maintain extensive automation infrastructure and system platforms. • Oversee operation of all Cassandra clusters in production and pre-prod environments. • Build and integrate network automation (Cisco, Juniper, F5) into existing automation workflows.	Jan 2017 to Present
	RSA The Security Division of EMC , Bedford, MA <u>Senior System Administrator</u> (Engineering Lab Services / Release Engineering) • Responsible for driving implementation initiatives such as VPN tunneling & system automation. • Work with cross-functional teams across the world to deliver projects in a complete and timely manner. • Provide level 3 support to all systems and services in the global engineering infrastructure.	Jul 2014 to Jan 2017
	<u>System Administrator</u> (Engineering Lab Services / Release Engineering) • Assist in the development & operations of the global product engineering labs and release infrastructure. • Develop infrastructure software and tools to provide visibility into lab resources and utilization.	Jul 2013 to Jul 2014
	Camp Fitch Computer Camp , North Springfield PA <u>Director</u> • Plan & operate a 2-week program teaching children introductory computer topics. • Interact and discuss topics and concerns with parents, camp staff, and co-directors. • Primarily responsible for facilities, on-site operations, and staffing.	Jun 2013 to Present
AWARDS	Excellence@EMC Silver <u>Transparent Proxy Implementation</u> <u>Whatever It Takes</u> <u>Quick Connectivity Solution</u>	September 2014 January 2016 March 2016
ACTIVITIES & INTERESTS	<ul style="list-style-type: none">• Amateur Ice Hockey Player• Outdoor Excursion Enthusiast• Mens & Womens College/Pro Hockey Fan	