

# Grant Cohoe

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EDUCATION	<b>Rochester Institute of Technology</b> , Rochester, NY B.S., Applied Networking & System Administration, May 2013 • Minors in Database Design & Development and Applied Communication	GPA: 3.23/4.0
SKILLS	<b>Management Tools:</b> Ansible, Puppet, VMware vSphere, Cisco UCS Manager, EMC Unisphere <b>Cloud Providers:</b> Amazon Web Services, Microsoft Azure, OpenStack, VMware vCloud & vCloud Air <b>Network:</b> Cisco Catalyst & Nexus Switching, JunOS, IronPort WSA, VPN (IPsec, AnyConnect) <b>Services &amp; Applications:</b> OpenLDAP, ISC-BIND/DHCPD, Jenkins, Github Enterprise, Docker <b>System Platforms:</b> Linux (Focus: RHEL/SLES), Windows Server (2003-2016) <b>Development:</b> Python, Bash, Git, Perforce	
PROJECTS	<b>College Hockey Scheduling API</b> (In Progress) <ul style="list-style-type: none"><li>Designed and implemented a RESTful API using DynamoDB, Lambda, and API Gateway (AWS).</li><li>Uses the Serverless framework to provide high scalability with no persistent infrastructure.</li></ul> <b>Pipeline-based Package Mirror</b> <ul style="list-style-type: none"><li>Developed an RPM HTTP-only mirror system using Jenkins Pipeline Builder and Python.</li><li>Jobs defined as JSON so service is fully deployable from VCS (only Jenkins installation required).</li></ul> <b>Open Source Network Resource &amp; Access Manager</b> - <a href="http://grantcohoe.com/projects/starrs">http://grantcohoe.com/projects/starrs</a> <ul style="list-style-type: none"><li>Designed and developed an interactive system for auditing and management of network resources.</li><li>Gives users a self-service portal to provision logical resources such as IP addresses and DNS records.</li></ul> <b>Wireless Network Deployment</b> <ul style="list-style-type: none"><li>Planned and implemented an 802.11a/n wireless network across the a college dorm floor.</li><li>Features include Channel Bonding and Fast Reassociation with Wireless Domain Services.</li></ul>	
PROFESSIONAL EXPERIENCE	<b>Constant Contact</b> , 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. <b>RSA The Security Division of EMC</b> , 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. <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. <b>Camp Fitch Computer Camp</b> , 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.	<b>Jan 2017 to Present</b> <b>Jul 2014 to Jan 2017</b> <b>Jul 2013 to Jul 2014</b> <b>Jun 2013 to Present</b>
AWARDS	<b>Excellence@EMC Silver</b> <u>Transparent Proxy Implementation</u> <u>Whatever It Takes</u> <u>Quick Connectivity Solution</u>	<b>September 2014</b> <b>January 2016</b> <b>March 2016</b>
ACTIVITIES & INTERESTS	<ul style="list-style-type: none"><li>Mens &amp; Womens College/Pro Hockey Fan</li><li>Amateur Ice Hockey Player</li><li>Former FIRST Robotics Competition Participant and Volunteer</li><li>Outdoor Excursion Enthusiast</li></ul>	