Grant Cohoe

EDUCATION	**Rochester Institute of Technology**, Rochester, NY

B.S., Applied Networking & System Administration, May 2013   GPA: 3.23/4.0

- Minors in Database Design & Development and Applied Communication

SKILLS

Management Tools: Puppet, VMware vSphere, Cisco UCS Manager, EMC Unisphere
Cloud Providers: Amazon Web Services, Microsoft Azure, VMware vCloud & vCloud Air
Network: Cisco Catalyst & Nexus Switching, IronPort WSA, VPN (IPsec, AnyConnect)
Services & Applications: OpenLDAP, ISC-BIND/DHCPD, Jenkins, Github Enterprise, Docker
System Platforms: Linux (Focus: RHEL/SLES), Windows Server (2003-2012R2), Solaris
Development: Python, Bash, PHP, Git, Perforce

PROJECTS

College Hockey Scheduling API (In Progress)

- Designed and implemented a RESTful API using DynamoDB, Lambda, and API Gateway (AWS).
- Uses the Serverless framework to provide high scalability with no persistent infrastucture.

Pipeline-based Package Mirror

- 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

- 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.

Wireless Network Deployment

- Planned and implemented an 802.11a/n wireless network across the a college dorm floor.
- Features include Channel Bonding and Fast Reassociation with Wireless Domain Services.

PROFESSIONAL EXPERIENCE

RSA The Security Division of EMC, Bedford, MA

<u>Senior System Administrator</u> (Engineering Lab Services / Release Engineering)   **July 2014 to Present**

- 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)   **July 2013 to July 2014**

- Assist in the development & operations of the global product engineering labs and release infrastructure.
- Develop infrastructure software and tools to provide visability into lab resources and utilization.
- Work with scrum development teams to ensure build environments are functional and secure.

Camp Fitch Computer Camp, North Springfield PA

<u>Director</u>   **June 2013 to Present**

- 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.

AWARDS

Excellence@EMC Silver

<u>Transparent Proxy Implementation</u>   **September 2014**

- Worked with multiple orgs to implement a transparent proxy solution to improve user workflow.

<u>Whatever It Takes</u>   **January 2016**

- Worked nonstop after hours with team until services were restored after building UPS failure.

<u>Quick Connectivity Solution</u>   **March 2016**

- Explained restrictions and provided connectivity solution to engineering team facing imminent deadline.

ACTIVITIES & INTERESTS

- Mens & Womens College/Pro Hockey Fan
- Amateur Ice Hockey Player
- Former FIRST Robotics Competition Participant and Volunteer
- Frequent TEDx & Barcamp Attendee
- Outdoor Excursion Enthusiast