

Nicholas Anderson

Agent of Automation and Shaper of Systems

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Computing enthusiast with a strong foundation in both hardware and software aspiring to strengthen myself personally and professionally.

Experience

- May 2016–Present **Intern, Environment Support**, *Verisign*, Reston, VA.
Assisted in the automation of large-scale system patching and configuration management using Ansible. Created a web-based inventory management tool using AngularJS to communicate with existing APIs to more easily manage and report on hosts within the environments.
- Feb 2015–Present **Data Center Operations**, *George Mason University*, Fairfax, VA.
Responsible for monitoring and communicating the status of various university systems and environmental conditions of the Data Center.
- Jun 2015–Aug 2015 **Intern, Software Developer**, *Blue Canopy Inc*, Reston, VA.
Automated the process of securing an Ubuntu system to meet the proper security requirements to protect the customer. Additionally, created SCAP content to reliably verify the security of provisioned systems.
- May 2014–Aug 2014 **Intern, Front-End Web Developer**, *Hurdlr*, Washington, DC.
Performed front-end development on an HTML5 Cordova application for a small DC-based startup. Throughout the internship, I heavily utilized Github to cooperate with the team and track issues.
- Jun 2013–Aug 2013 **Intern, GNOC Engineer**, *Time Warner Cable*, Herndon, VA.
Feb 2012–Aug 2012 Assisted in the monitoring and reporting of critical network infrastructure and systems. Independently created a web application to automatically integrate multiple data sets to properly track RMA'd systems.

Education

- Aug 2013–Present **B.S., Information Technology**, *George Mason University*, Fairfax, VA.
- Aug 2011–May 2013 **Computer Systems; Advanced Networking**, *Monroe Tech. Center*, Leesburg, VA.
Gained hands-on skills and certifications in computer systems and networking. Learned advanced networking concepts on Cisco equipment and fiber/copper cabling.

Technical skills

GNU/Linux	Enterprise Linux, Debian, Arch	Vitalization	Docker, KVM, ESXi
Version Control	Git, SVN, Mercurial	Infrastructure	Openstack, Xenserver, Cloudstack
CI/CD	Gitlab, Jenkins	Data	RDBMS, NoSQL, ELK Stack

Community Involvement

- Jan 2013–Present **Student-Run Computing and Technology (SRCT)**, *System's Administrator*.
Developed and maintained the server infrastructure for student-led and community-driven projects. Gave talks to teach the community essential skills for their future work.
- Jan 2013–Present **GMU Linux User Group (GMULUG)**, *Member, event planner*.
Volunteered at their Linux install-fest and helped familiarize the new users of Linux with their new systems. Organized and went to the Free Software Foundation's 30th anniversary.