

Ryan Knauer

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WORK HISTORY

10.2018 – Present

LINUX ADMINISTRATOR – ALION SCIENCE & TECHNOLOGY

Systems Administrator

- Current Interim Secret Clearance.
- Linux Administration.
- Managed deployment of 1,500+ RHEL 6/7.
- The Foreman / Satellite 6 deployment and provisioning.
- Configuration Management utilizing Puppet and Ansible.

02.2014 – 10.2018

SYSTEMS GROUP – OLD DOMINION UNIVERSITY

Systems Engineer

- Windows Administration and Linux Administration
- Exchange, Hyper-V, SCCM, SQL Server, Active Directory, Server 2003, 2008, 2012 (R2), 2016
- Ubuntu, CentOS, LAMP, basic web development
- Virtualization Experiencing including VMware and Hyper-V

QUALIFICATIONS

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|--------------------|---|
| Linux Experience | <ul style="list-style-type: none">-Experience in patching vulnerabilities in a Linux/GNU environment.-Experience with configuration management tools such as Puppet, Salt, and Ansible.-Experience with domain-wide monitoring of both Windows and Linux infrastructure using Nagios. |
| Windows Experience | <ul style="list-style-type: none">-Performed Active Directory migration from 2008R2 to 2012R2.-Created, Tested, and built images using both SCCM and MDT/WDS.-Experience in maintaining an RDS Farm capable of over 100 users.-Considerable experience using PowerShell for automation and reporting purposes. |
| Coding Experience | <ul style="list-style-type: none">-Non-Compiled/scripting languages: Python, PowerShell, SQL, Bash, Batch.-Compiled languages: C/C++, Java.-Version control via git.-Functional experience using AWS and serverless architecture. |
| VMware Experience | <ul style="list-style-type: none">-VMware ESXi / vCenter 5.5 through 6.5.-Successfully maintained a deployment of over 500 Virtual Machines. |

EDUCATION

08.2013 – Current

OLD DOMINION UNIVERSITY

Bachelor of Science in Cyber Security, minor in Computer Science

- Curriculum includes programming in C++, Java, SQL, and Python
- Networking Security (Types of attacks and mitigation techniques.) and Database concepts (Proper sorting and querying, optimizing queries, and general database maintenance.)