

Ryan Knauer

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<http://bageltechnologies.com>
<https://github.com/bagel-dawg>

WORK HISTORY

02.2014 - Current

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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|--------------------|--|
| VMware Experience | -VMware ESXi / vCenter 5.5 through 6.5.
-Hyper-V to VMware Migration.
-Configured a fully redundant 10GB Ethernet vSphere environment.
-Successfully maintained a deployment of over 500 Virtual Machines. |
| Linux Experience | -Experience in patching vulnerabilities in a Linux/GNU environment.
-Deployed and maintained many L(A E)MP-based webapps and tools.
-Experience in provisioning machines using Puppet and Salt.
-Experience writing modules and states for Puppet and Salt.
-Experience with domain-wide monitoring of both Windows and Linux infrastructure using Nagios. |
| Storage Experience | -Experience using EMC Arrays such as VNX, Celerra, and Unity
-Experience with different RAID Types and functionality
-Experience with backup applications including Veeam and tape solutions. |
| Window Experience | -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 | -Non-Compiled/scripting languages: Python, PowerShell, SQL, Bash, Batch.
-Compiled languages: C/C++, Java.
-Version control via git and SVN.
-Functional experience using AWS and serverless architecture. |
| Network Experience | -Functional Cisco & Juniper knowledge and configuration skills.
-Knowledge of networking fundamentals such as VLANs, ACLs, standard routing protocols, and NAT. |

EDUCATION

08.2013 – Current

OLD DOMINION UNIVERSITY
Bachelor of Science in Cyber Security

- 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.)