Drew P. Dewitt

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Azure Cloud Systems Administrator and Military Veteran with 4+ years of experience working with Windows servers, virtualization, and Linux servers. Determined technical professional with a passion for solving problems through technical automation and software development. Completed projects in Python, Azure, C#, and PowerShell showcasing an aptitude in cloud administration.

SKILLS AND QUALIFICATIONS

Programming & Scripting Languages: Python, C#, PowerShell, JavaScript, HTML, CSS
Competencies: Virtual infrastructure deployment and administration, Windows Server administration (Active Directory and Domain Services, DNS, DHCP), Git technology, code design, documentation and debugging, Azure Services and Systems (Container Instances, Azure VMs, Azure DNS, Azure AD), docker
Strengths: Growth Mindset, Design Thinking, Team Leading and Contribution, Problem Solving

PROJECTS

C#:
- Professional Website - An ASP. NET web application to display professional information and accomplishments
- Crypto Web Application - An ASP .NET web application to display specific crypto coins and current information about them using popular crypto coin database's API

Python:
- Fortune Telling Web Applications - A web application developed using the Django REST framework that uses horoscope API to give the user their fortune based on Astrological sign
- VMware Automation - A Python program to automate shutdown, restart, and snapshot management for virtual machines and ESXi hosts in a vCenter environment

PowerShell:
- AZ-900 Study Quiz - A PowerShell script that prompts the user for questions and evaluates answers to help them study for the AZ-900 test. At the end evaluate the user's score to determine pass or fail
- Discord News Webhook - A PowerShell script that automatically posts in a student discord server daily to give them current trending I.T.-related news articles

JavaScript:
- Discord Bot - A custom Discord bot that provides custom tools to manage various Discord functions in a server using Node.js
- Web Tools - Custom JavaScript that provides advanced automation and custom tools for my website

PROFESSIONAL EXPERIENCE

Student, Microsoft Software and Systems Academy   January 2022 - May 2022
- Participating in a 17-week technical training course developed by Microsoft with a focus and study in Server and Cloud Administration
- Gained understanding of local storage, Hyper-V and virtual machines, disaster recovery, failover clusters, and creating and managing deployment images
- Installed and configured Windows Server 2016 natively and virtualized using Hyper-V
- Configured and deployed DNS, maintained Active Directory and established Group Policies, and access authentication
- Learned to design and implement an Advanced Server Infrastructure
- Implemented Microsoft Azure Infrastructure Solutions
- Configured Windows Server and Azure using PowerShell and Graphical User Interface

Virtualization Trainer, U.S. Marine Corps Special Operation Command   March 2021 - January 2022
- Responsible for instructing communication teams proficient skills in Windows System Administration, managing vCenter, managing virtualized clustered hosts using VMware ESXi, Virtualized network topologies, rapid deployment of a virtualized enterprise-level extension solution locally using VMware technologies
- Designed new procedures for automating vCenter Environments for production organizational implementation.
- Engineered new procedures for performing automated system administration tasks using PowerShell and trained Special Operations Communications on how to use these tools for production organizational implementation
- Performed network topology reviews for communication teams to evaluate and advise them on how to make their infrastructure more efficient
- Trained Special Operation Communicators how to perform system administration tasks using Active Directory and Domain Services

Data Team Lead, U.S. Marine Corps Special Operation Command   May 2019 - February 2021
- Led a team of eight to have successful deployments of software-defined networks (SDN) for both unclassified and classified topologies in training and adverse environments
- Performed systems administration tasks (Managed AD DS, DHCP management, managed multiple window servers clustered in a virtual environment) in support of over 100 users
- Developed a WPF (Windows Platform Application) that allowed the user to perform self-fixed solutions that would normally require the help of an I.T. help desk department with one-click buttons. Due to its simple and easy-to-navigate user interface, this allowed users to fix problems with printer connectivity, network share drives, driver issues, and many more saving hundreds of hours of help desk work
- Was accountable for over $250,000 of equipment and classified material

Education & Certifications

Azure Infrastructure Fundamentals Certified   2022
- Signifies that the recipient has proven in a live and timed environment that they can deploy and configure Azure Virtual Machines, a Virtual Network, and configure the Azure load balancer for a highly available workload such as a web farm.

CompTIA Security+   2020
- Valid January 2020 – January 2023

Associate in Computer Studies (Plan on finishing by Fall 2023)   2021
- University of Maryland Global Campus towards an associate degree in Computer Studies

Marine Corps Special Operations Network Operator   2019
- A 3-month course that teaches skills in network deployment and administration as well as basic systems administration in Windows Server.

Marine Corps Data Systems Administration School   2018
- A 45-day course on basic server administration and server deployment