

Robert McDonald

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Education

B.B.A, Computer Information Systems Aug 2016 – Dec 2018
James Madison University, Harrisonburg, VA
Major GPA: 3.15 Cumulative GPA: 3.16 Honors: Dean's List Spring 2018

Certifications and Programming Languages

CompTIA Security+ (W7LM3LYE5DQ11SCF)

- C# (1.5 Years), primary language in CIS curriculum integrating Front/Back end development.
- SQL (1.5 Years), SQL Server used in Business curriculum and projects.
- HTML/CSS/JS (1.5 Years), used for projects within Business curriculum to develop websites.
- Bash (1 Year), used with Git for version control management for projects.
- Java (1 Year), used for projects to develop Windows applications in higher-level CIS curriculum.

Applications and Operating Systems

- Microsoft Windows (8 Years), main operating systems used: Windows 7, 10, 2008R2 – 2019
- Linux (3 Years), used different variations including Ubuntu, Kali, Red Hat and Mint.
- VMWare (3 Years), deployed VMs within ESXi clusters for enterprise level environments.
- Visual Studio (1.5 Years), used primarily for projects dealing with the .NET Framework.
- Amazon Web Services (1.5 Years), used for web hosting of virtual machines and websites.

Work Experience

Dynamic Aviation, Server Administrator Dec 2018 – Present

- Integrating Windows/Linux virtual machines and ESXi hosts within a multi-clustered environment.
- Patching VMs, Templates, and Hosts.
- Deploying Software to primary/remote offices using SCCM.
- Delegating user accounts and permissions to maintain least privilege.
- Configuring group policy settings to achieve CIS/NIST 800-171 compliance.
- Implementing Nessus compliance/vulnerability scanning appliances.
- Maintaining over 1,000 users and security groups within Active Directory and Azure Active Directory.
- Full life-cycle implementation of Office 365 within Azure Government cloud.

Augusta County Fire Administration, Part-Time Office Assistant May 2017 – Oct 2017

- Updated Fire & Rescue website homepage with updated department information.
- Data entry for users in time clocks.
- Compiling data for Fire & Rescue response times.

Relevant Coursework

CIS 484, Integrated Systems Development Team Project Aug 2018 – Dec 2018

- Hosted on AWS, designed with C#, JS, Bootstrap/CSS, SQL Server, and Google Maps API.
- Gathered and interpreted requirements from The Wildlife Center of Virginia to design a custom web application according to client requirements using SCRUM.
- Project Manager tasked with interpreting client requirements and communicating requirements to development and design teams while maintaining Sprint backlogs.

Achievements and Extracurricular Activities

1st Place, KPMG CIS 484 Capstone Competition Aug 2018 – Dec 2018

- System design and presentation awarded 1st place by a panel of judges composed of clients and CIS faculty.