

Jacob Andrew Kelley

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SUMMARY

Current Information Systems Security Engineer and recent graduate of an Information Security program, seeking a graduate level education to fulfill my interests of and dedication to the spectrum of Cybersecurity.

EDUCATION

Kennesaw State University

August 2013 - December 2017

Bachelor of Science in Information Technology

3.5 GPA

Information Assurance and Security Concentration

Related Coursework: Information Security Administration, Ethical Hacking, Computer Forensics, Hardware/Software Concepts, Data Communications and Networking, Wireless Security, Linux and Unix Administration, Operating System Concepts and Administration

SKILLS

Operations: Information Security System Design, Security Control Selection and Application, Continuous Monitoring, Datacenter Management, System Administration

System Administration: Windows, Linux and macOS operating systems

Software and Security: Compliance and Hardening (STIGs) : DC and WS, Group Policy, SCAP, Nessus Vulnerability Scanner, McAfee AV Suite, Rogue AP Detection, AD DS, LDAP, DNS, SCCM, Multi-Factor Authentication, PKI Certificate Management, Cisco VPN, Atlassian (JIRA, BitBucket, Confluence).

Virtualization: Hyper-V, Citrix VDI, VMware, KVM, Proxmox VE.

Certifications and Clearances: CompTIA Security+, DoD Top Secret Clearance

EXPERIENCE

Current Role: Research Technologist I

January 2015 - Present

Georgia Tech Research Institute, Atlanta, GA

- Architect and build secure DoD networks containing workstations, DCs, switches, and routers, following the Risk Management Framework and NIST 800-53 for security implementation and risk assessment.
- Develop innovative and efficient processes for automated deployments of IT systems.
- Research and deploy secure and scalable virtual desktop infrastructure (VDI) solutions.
- Serve as System Administrator for multiple secure DoD networks containing Active Directory domains.
- Manage small team of students and visiting researchers, providing tasking and insight.
- Co-Op from January 2015 to December 2017; Research Technologist I starting January 2018.
- Related Course: Risk Management Framework (RMF) Overview, July 2017

PROJECTS

Citrix VDI: XenDesktop

August 2017 - November 2017

Fully virtual deployment of Citrix XenDesktop in a VMware infrastructure to provide a high-performance VDI to users in the CIPHER Lab for daily software development workloads.

Storage Spaces Direct: Hyper-V VDI

March 2018 - Ongoing

4-node server cluster utilizing Microsoft's Storage Spaces Direct to provide a scalable and high-availability VDI to users for multi-level security in a DoD secure environment. Project work is continuous.