

William Ha

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Core Technical Skills

Languages: PowerShell, Java, C, SQL, VBScript, Python, R, MATLAB

Software & Platforms: Azure, Microsoft SCCM, McAfee (ePO, ENS, DLP), PowerBI, Splunk, Wireshark, Windows

Certifications: Amazon Certified Developer Associate, Microsoft AZ-300, Microsoft Certified Professional 70-533

Experience

• AllianceBernstein L.P.

New York, NY

Cloud Architect

January 2018 – Present

- Architected budgeting and finance methodology for new cloud consumption to track growth and spend
- Developed role based access control and brokered understanding between groups regarding custom rights
- Troubleshooted and developed JSON templates for new group requirements and applications
- Created and documented standards for operating environment based on CIS benchmarks and NIST SP
- Created PowerShell reports to check on the compliance of our environment to documented standards
- Utilized PowerShell scripts to automate virtual machine deployment and inventory management
- Lead project manager in migration project of on-premise datacenter environment to an Azure hybrid cloud environment
- Managed project issues, migration timelines, and progress communication with upper management
- Worked with Microsoft Consulting Services engineers to reevaluate and develop new ITSM practices
- Contributed to cloud network design, introduction of new technology, and risk assessment of new services
- Participated and responded to audits of environment to ensure operational security

Endpoint Security Engineer

July 2017 – January 2018

- Coordinated and managed deployment of McAfee security products to 7000 node enterprise production workstation environment with a combination of Microsoft SCCM and McAfee ePO
- Automated deployments of regular patches, updates, and scans to correspond with resource availability in highly virtualized environment through both PowerShell scripts and McAfee native tools
- Engineered data loss prevention configuration for both device control and content tracking
- Adapted Symantec antivirus policy configurations for McAfee ENS
- Identified workstation issues and checked for compliance with Microsoft Desired Configuration Manager
- Created documentation for operationalization of L1 and L2 support while providing L3 support

Cyber Security Intern

May 2016 – August 2016

- Analyzed network flow data for anomalies and to correlated reporting with enterprise-wide network activity
- Communicated and developed relationships with developers and business users to analyze new connectivity requirements
- Analyzed and documented existing firewall configurations with over 90,000 unique policies globally to retire decommissioned services and close loop on security vulnerabilities
- Reviewed and evaluated different firewall vendors for upgrade path to NGFWs
- Tested and returned feedback to vendors on data loss prevention (DLP) feature implementations with suggestions for feature improvements (proxy integration, mobile device control)

Web Service and Application Hosting Intern

June 2015 – August 2015

- Implemented and tested Citrix Netscalers for Storefront of new enterprise virtual computer environment
- Automated procedures to revoke certificate access to compromised machines
- Prepared public facing load balancer configurations for IPv6 requests

• FIRST Robotics Team 3419

New York, NY

Volunteer Mentor

September 2019 – Present

- Organize and monitor high school FIRST robotics students during build and competition events to ensure safety and student engagement
- Inspire students to pursue careers in science and technology with mentorship
- Oversee student manufacturing and programming of robotic systems while encouraging accountability
- Teach and provide good design practices for mechanical construction and design
- Maintain facilities and tools for effective usage

- **CF Industries** **Woodward, OK**
Project Engineer Intern *August 2015 – December 2015*
 - Coordinated and organized logistics for 23 plant rejuvenation projects each budgeted between \$50,000 and \$350,000
 - Evaluated and re-engineered design parameters for heat exchangers actively used for ammonia production
 - Performed preliminary root cause analysis investigations into emergency situations (leaks and fires) and recommended key preventative practices
 - **Georgia Tech Motorsports** **Atlanta, GA**
Electronics Lead *August 2013 – June 2015*
 - Created data models to validate theoretical designs through instrumentation introduced for critical parameters
 - Led a six-person team to develop, assemble, and troubleshoot a Formula SAE race car electrical system
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Education

- **Georgia Institute of Technology** **Atlanta, Ga**
College of Engineering, B.S. Mechanical Engineering with Honor *May 2013 – August 2017*
 - Coca-Cola Foundation Scholarship, Class of 1969 Scholarship
 - Oxford Program 2014