

# **Julian W. E. Noye**

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## **EDUCATION**

The Pennsylvania State University  
Bachelor of Science, Security and Risk Analysis, August 2014  
Concentration: Information and Cyber Security

## **CERTIFICATIONS**

- IA Certificate - Information Systems Security (INFOSEC) Professionals (NSTISSI No. 4011)

## **COURSE PROJECTS**

- Performed a Security Risk Assessment on the network infrastructure for a local company using ISO 31000 framework
- Acted as the project leader in a group project to develop a computer repair shop database  
Utilized Linux MySQL server and linked it to WordPress Content Management System as a Web Interface to input data
- Researched software solutions and implemented a DMZ network using Linux and Windows client and server OSes
- Created a data forensic workstation and performed data acquisitions recovering deleted data and data in hidden partitions
- Developed a policy manual for a mock company which included EISPs, ISSPs, and SysSPs
- Calculated a sample Risk Assessment using campus assets, risks, threats, and vulnerabilities
- Developed a project plan to prepare students for the Collegiate Cyber Defense Competition

## **RELEVANT EXPERIENCE**

### **Systems Administrator Intern – Plymouth Tube Company, Salisbury, MD**

May 2014 – August 2014

- Managed network with Microsoft Windows Server 2003/2008 on VMware ESXi Server
- Optimized Windows Server Group Policy for improved security
- Installed and configured programmable logic controller software for Allen-Bradley PLC
- Implemented digital signage on network to display current company information

### **Systems Administrator Intern – Plymouth Tube Company, Salisbury, MD**

May 2013 – August 2013

- Managed network with Microsoft Windows Server 2003/2008 on VMware ESXi Server
- Recovered critical data from document imaging system and then rebuilt it with RAID 1
- Inventoried computer assets to spreadsheet and salvaged useful unused PCs
- Replaced damaged Avaya IP Office PBX
- Researched alternative Open Source software solutions

### **Systems Administrator Intern - Penn State Altoona Security and Risk Analysis Program, Altoona, PA**

May 2012 – August 2012

- Implemented CentOS Linux Imaging Server to simultaneously image 35 laptops with Windows 7, Windows Server 2008, and Linux partitions with software required for student in-class labs
- Implemented Asterisk SIP Server and Cisco IP Phones linked to Google Voice account
- Acted as team player to redesign virtual server network environment for remote access via the university network while restricting student VM network access to a second private network
- Configured a Cisco 2900 series router for student VMware network access
- Implemented a backend VLAN switch for IP storage and VMware management networks only, effectively separating them from the student VM network access
- Implemented Dell PowerVault storage array using RAID 5 for shared iSCSI virtual machine storage
- Upgraded BIOS and ESXi to version 5.0 on four Dell PowerEdge servers

### **Residential Computing Technician - Penn State Mont Alto, Mont Alto, PA**

August 2010 – May 2011

- Provided tier 1 support for faculty, staff, and students
- Configured TCP/IP settings to connect students to the Penn State network in Residence halls
- Troubleshoot Residence hall room's Internet connectivity
- Setup appointments to meet with students with computer software issues

## **ACTIVITIES**

Collegiate Cyber Defense Competition, Participant, 2012 - 2014

Security and Risk Analysis Club, Vice President, 2012 - 2013