Michael Helms

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http://michaelhelms.me

Soon-to-be Computer Science graduate looking to utilize over seven years of passion for Linux, networking, and security with the right balance of creative intuition and technical ability for finding and solving problems.

SECURITY SKILLS:

Penetration Testing: 7 years of web application penetration testing, including SQL Injection, Cross Site Scripting, Exploiting Broken Access Controls, Command Injection, and Session Hijacking**.**
Security-Enhanced Linux: 3 years of configuring SELinux on Debian and Arch Linux systems
Server Stacks: 5 years combined of Linux/Apache/MySQL/PHP and Linux/Tomcat/JSP hardening
Static Analysis: Familiar with Fortify SCA and white box testing

GENERAL SKILLS:

Programing/Scripting/Markup Languages: Java, C++, Python, Bash, PHP, SQL, JavaScript, HTML
Microsoft: 3 years experience with Microsoft Server 2008 and 2012
Linux: 9 years combined of Debian, CentOS, Arch, Kali/BackTrack and Fedora configuration
Virtualization: 5 years experience with VMWare, VirtualBox, and KVM.

RELEVANT EXPERIENCE:

Systems Reliability Engineer – Intern
Nutanix
- Worked directly with customers to resolve issues with their Nutanix configurations
- Assisted SREs in following up on unresolved cases and reducing existing backlogs
- Worked with CSAs to resolve customer licensing issues

Secure Programing and Penetration Testing
- Identified and exploited security vulnerabilities in web applications and developed fixes for exploits

IT Infrastructure II: Design & Practice
- Managed multiple Debian and CentOS Virtual Machines used for DNS services, email servers, web servers, Kerberos and LDAP. Helped troubleshoot and refine outdated versions of lab assignments
- Designed a Raspberry Pi cluster with remote wireless control over SSH in a group of 4. Primarily responsible for networking, configuration, and documentation

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EDUCATION:

Bachelor of Computer Science	Completion Date	05 / 2016
University of North Carolina at Charlotte	To be Conferred	12 / 2016

EMPLOYMENT:

Systems Reliability Engineer Intern – Nutanix	October 2016 – December 2016
Concrete Laborer – International Precast	Seasonal; 2010/2012

CERTIFICATIONS:
NPP, NPSR, NPSS