

## Education

### **Pennsylvania State University** *May 2009*

Bachelors of Science in Security and Risk Analysis | Cyber Security  
College of Information Sciences and Technology  
Cumulative GPA: 3.4 | Major GPA: 3.8

## Relevant Experience

### **Application Security Specialist** *August 2009 – Present*

Agilent Technologies, Inc.

- Managed company-wide application security function, overseeing 20 + major applications. Duties include: Web Application Firewall administrator, Web Application Vulnerability Scanning Program Lead, Database Monitoring Operational Owner (SOX Compliance), and Penetration Testing Team Lead
- Conducted worldwide IT forensics acquisitions for internal investigations
- Improved third party remote access provisioning time by 66% with a cost savings of 700k/year
- Performed in depth risk assessments on third party remote access, internal/external applications, and network projects
- Lead company-wide information security training initiative
- Extracurricular activities include: Onsite internship coordinator, Medical Emergency Response Team, and United Way Giving Campaign

### **Application and Network Security Internship** *May 2008 – August 2008*

Agilent Technologies, Inc.

- Developed an application security strategy and multi-year roadmap with an international, cross-functional team
- Completed a Six Sigma project improving strategy for firewall policy implementation of access controls for vendors

### **Technical Design and Implementation Team Lead** *December 2008 – July 2009*

Mashavu Networked Health and Telemedicine Solutions

- Designed and implemented web-based software portal to enable remote diagnosis by doctors to patients in Kenya (PHP / Java)
- Utilized several technologies to take aggregate data from lab equipment, generate a report and enable remote imaging from Mashavu "kiosks"
- Tested and validated entire system in Kenya for 3 weeks while working closely with local doctors and nurses

### **IT Specialist and Instructor** *June 2007 – August 2007*

Grenada Ministry of Education

- Created an entire Java programming curriculum including lesson plans and instruction manuals
- Instructed 100+ secondary students in the core fundamentals of Java
- Taught 12+ IT teachers lessons in network and client security
- Networked 100+ computers in school labs after they were damaged by hurricanes

## Certifications

- NSA Risk Analysis Certification *May 2009*
- SANS 522 | Defending Web Applications Security Essentials *January 2010*
- Archer Certified Professional *March 2011*
- Formal EnCase Forensics, IBM AppScan, and Imperva SecureSphere training

## Relevant Skills

- Imperva SecureSphere | Web Application Firewall and Database Monitoring
- Encase Forensics Suite
- IBM AppScan Vulnerability Scanner
- Archer GRC Administration and design
- OWASP Standards
- ISO 27002 integration
- HTML, PHP, Java proficiency
- SIEM integration experience

## Personal Skills

- Enthusiastic about information security and solving complex problems
- Positive team contributor and leader
- Resourceful and accountable under pressure
- Productive and efficient communicator / listener
- Detail oriented security professional with willingness to learn

## Life Skills

- Commutes daily by bike in any weather
- Avid mountain explorer
- Thirst for adventure
- Brews a mean cup of coffee