

### Certifications

- INFOSEC Professional (CNSS & NSA)
- CompTIA Security+ SYO-301 (Exp: Aug. 2019)

### Professional Skills

- InfoSec Testing (Dynamic, Source Code, Network)
- InfoSec Governance (Eng., Policy, Response, Risk)
- Leadership & Team Building
- Research & Data Analysis
- Office Suites (Adobe, Google, Libre, Microsoft)
- Project Management

### Technology Skills

- OS (Windows | Mac | Linux | iOS | Android)
- Cloud (AWS, Kubernetes)
- Binary Analysis, Forensics (Mobile), Metasploit
- Logging (ELK, Fluent, Splunk, SYSLOG)
- DevOps (Artifactory, Confluence, Jenkins, JIRA)
- Penetration Testing, Network Testing, RASP, WAF

### Github

- Programming:
  - Intermediate: BASH, CSS/SCSS, HTML, JavaScript, JQ, NPM, Python, SQL
  - Basic: Java, .Net, Springboot
- Application Servers:
  - Glassfish, IIS, Jetty, Tomcat, WebLogic, WebSphere, Wildfly

### Education

#### Capitol Technology University, Laurel, MD

**M.S.** Cyber & Information Security  
2018

#### Pennsylvania State University, University Park, PA

**B.S.** Security & Risk Analysis: Information & Cyber Security  
**Minors:** Information, Science, & Technology and IST-Telecommunications  
2014

### Work Experience

#### Verizon | Basking Ridge, NJ

##### Principal | Operations IT Security - Runtime Application Self-Protection/Web Application Firewall

2020-Present

- Lead in deploying, configuring and monitoring of RASP, working against 300+ applications
  - Architected end-to-end flow of standardizing deployment & compliance, from On-Prem, AWS, OpenShift and EKS environments for RASP (Imperva Product) and application teams
  - Developed RASP-RPM solution to automate RASP deployment for application teams
  - Developed simple front-end website hosting RASP Knowledge Base (replaced with Google Sites by me)
  - Reported on bad coding/architecture practices monitoring RASP events, both from tested traffic, and traffic based on blocked activity from malicious actors
  - Collaboration to help visualize/correlate data across multiple security tools
- Monitoring WAF (Edgio Product), working against 50+ applications
  - Assisted in reporting activity and configuring application configurations
- Thread Modeling
  - Configured & established Non-Production/Production for Thread Modeling tool(s) (Avocado Product, Threat Dragon product) as well as reviewed initial thread models

#### Engineer IV | Operations IT Security - Dynamic/Static Application Security Testing

2015- 2019

- Penetration Testing (Dynamic/Static) (3rd Party, Mobile, Web) using manual techniques and automated tools (200+ applications)
  - Designed internal flow for application teams to submit full and automated penetration tests
- Incident handling and verification (coordination with Incident Response & Threat Management)
- Presented on common vulnerabilities to over 400+ employees

### Activities/Volunteer

- USA Ice Hockey Official

2007 - Present