

Seth Simonds

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Education

University of South Florida

Bachelors of Science in Cybersecurity *GPA: 3.68*

Tampa, Florida

September 2019 - Expected December 2023

CompTIA Security+

Expected: January 2024

Skills

Environments/Systems: Amazon AWS, Google Cloud Platform, Google Looker Studio, Kali Linux, VMWare

Cybersecurity Tools: Snort, Burpsuite, Hydra, Metasploit

Data Tools: Hadoop, DBeaver, MySQL, Google BigQuery, Microsoft SQL Server

Analytical Tools: Graylog SIEM, GreenBone OpenVAS, Wireshark, Nmap

Languages: Python, JavaScript, Bash, Java

Projects

Amazon AWS EC2 Deployment Home Lab Amazon AWS, Amazon Elastic Compute Cloud(EC2), Python, Windows, Putty SSH, Remote Desktop, AWS VPC

Configured instances running on Amazon AWS EC2, established Security for inbound/outbound rules for Remote Desktop, SSH, and HTTPS connections. Configured a VPC using Amazon AWS to control subnets and route tables. Using the VPC, the Ubuntu instance was set on the private subnet to be protected from the public, creating a firewall.

OPNsense Firewall Deployment Home lab OPNsense Firewall, Graylog SIEM, VMWare Workstation

Designed, implemented, and evaluated an OPNsense firewall to host a private and protected Local Area Network (LAN) on a home lab VMWare Image. Integrated the firewall with Graylog SIEM as its remote syslog.

PenTest Final using Metasploit and Greenbone OpenVAS Greenbone OpenVAS, NMAP, Metasploit, Kali Linux

Gained access to a Windows 7 Virtual Machine with an initially unknown IP to evaluate Penetration Testing techniques against. Utilized NMAP scans, Greenbone OpenVAS scans, and Metasploit to find vulnerabilities and gain access to the system.

PenTest School-Home lab exploiting vulnerable Windows 7 machine MSFvenom, Immunity Debugger, Kali Linux, Python

Configured a Windows 7 Virtual Machine with Immunity Debugger to test the effects of a custom made shellcode exploit targeting an outdated version of SLMail and attempting to cause a Reverse Shell attack

sethsimonds.dev Visual Studio Code, GitHub Repositories, HTML, CSS, JavaScript

Developed a personal resume and project showcase website to highlight my personal portfolio and experience using Visual Studio Code and GitHub Repositories.

Experience

Russell Cellular

Dade City, Florida

Solution Specialist

February 2021 - Present

- Work with mobile devices to troubleshoot issues and perform technical support for customers by diagnosing issues with their devices.
- Educate customers on security practices (how to avoid phishing/scam attempts, or how to uninstall bloatware apps).
- Work with customers to improve their use of and showcase correct user behaviors relating to mobile devices.
- Solve complex networking issues the customers mobile devices are presenting between the device and carrier network.

Winn-Dixie Supermarkets

Springhill, Florida

Store Associate

December 2017 - January 2021

- Worked to help customers by aiding, and showcasing relevant product information, aisle locations for specific inventory, and verifying prices.

Honors

Presidents Circle – Top 3% of the Company, Russell Cellular

January 2023

Dean's List, College of Engineering

Fall 2020 & 2021

Bright Futures Scholarship, Florida Student Scholarship Program

June 2019