**Stephen E. Foster**

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**SUMMARY**

Experienced Manager in fast paced customer service. Analytic experience in digital forensics. Proven ability to process, examine, and analyze computer hardware and software, and electronically stored data. Built and maintained my own computer tower. Built and maintained networks. Successfully compromised a computer network with only an IP address. Competed and placed Bronze in the National Cyber League competition. Completed an internship at AACC sponsored by the NSA. Demonstrated a full intrusion and Wireshark analysis.

**EDUCATION**

**University of Maryland Global Campus.** Largo, Maryland

BA Cyber Security Expected 2021

**Anne Arundel Community College.** Arnold, Maryland

AAS Cyber Security 2018

AAS Digital Forensics 2018

Inducted into Chi Alpha Epsilon honors Society with 3.2 GPA 2019

**Relevant Coursework:**

Digital Forensics 3, Intrusion Detection and Penetration testing, Advanced Network

Defense, Networking 2, Linux System Administration, Advanced Technical Writing,

Interconnecting Cisco Devices.

**CERTIFICATIONS**

ACE certification 2018

First aid and CPR 2018

**KEY SKILLS**

**Technical skills**

* Analysis skills
* Experience breaking hashes and cracking passwords
* Demonstrated a full intrusion and analysis
* Packet analysis
* Able to dismantle and rebuild computers
* Network building
* Unix/Linux

**TECHNOLOGY EXPERIENCE**

* Completed labs using a Write Blocker to prevent damage to evidence
* Practiced preservation and duplication of data for further analysis
* Completed labs with Jack the Ripper and Hydra to crack hashes and passwords
* Conducted investigations using a search and seizure warrant
* Practice using Axiom Magnet and the FTK suite
* Conducted examination of boot record and configurations during investigations
* Investigated mobile devices
* Set up and maintained an Email Server
* Created a report of findings through lab duties for final projects of Digital forensics 1,2 and 3
* Experience with Paladin and data carving Linux tools
* Conducted investigations that involved money laundering, terrorism, and an intrusion into private network during final projects

**WORK EXPERIENCE**

**Internships**

**Cyber Workforce Engagement Grant, Anne Arundel Community College. 2019**

During this internship my goal was to demonstrate a network intrusion via a compromised computer in a network. Instead of finding packets of a network intrusion I discussed it with my mentor that it would be better to create the traffic and the virus to demonstrate the attack. I used a backtrack Linux box to create a remote access trojan, a ubuntu email server to pass the virus to the victim, and a victim windows box. After creating the network and confirming the only connection from the victim is to the email server and the attacker to the email server as well. Finally, once everything was up and running, I used Wireshark to capture the packets to monitor the network traffic from the perspective of the windows machine. I demonstrated the full attack for a class of students and taught them packet analysis methods. Pointing out the rouge IP address in the chatter between the email server and the exact points where the attack began and where it ended. Through this internship I gained a strong grasp of penetration testing tools, Wireshark and packet analysis skills. It helped me majorly to see cyber security and digital forensics from the other side along with further honing my skills with FTK and Axiom.

**Target, Glen Burnie 2020-Current**

Closing expert. Worked with the closing manager to arrange the store and straighten shelves. Responsible for sanitation during a pandemic, helping to keep customers and employees safe.

**Office Depot, Lansdowne 2019-2020**

Service Sales Manager. Assistant to the General Manager. Technology Specialist Responsible for driving sales, advising and educating customers on Cyber Security measures.

**G&M Restaurant and Carryout, Linthicum MD 2014-2019**

Lead cashier of the carryout. Packing/shipping large orders of uncooked goods.

**References.**

References available upon request.