ANTHONY HANNA

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Result oriented student with a 3-year proven track record of achievement for improving performance as an Information Technology/Information Security technician/administrator. Articulate communicator, facilitator, and engaging speaker that is comfortable with senior management, large audiences, and end users. Interested in DevOps/DevOps Security and seeking a position where I can use my cybersecurity, development, and administrator skill set to assist an organization.

EDUCATION & CERTIFICATIONS

June 2020
Bachelor of Science, Cyber Security / California State University, San Bernardino (CSUSB)
Fisma Training, Chief Information Officer, Steve Hernandez
National Science Foundation SFS Cyber Corp Recipient
GPA: 3.72

June 2018
Associates of Science, Business Administration / Cuyamaca Community College
Earned Associates degree

August 2018
CompTIA Security +
Earned certification

August 2019
CompTIA Certified Cybersecurity Analyst
Earned certification

August 2019
CompTIA Cybersecurity Analyst +
Earned certification

April 2020
Kubernetes Certified Administrator Course
Linux Foundation

TECHNOLOGY SKILLS
Cloud Providers: AWS, GCP
CNCF Tools: Ansible, Docker, Git, Nginx, Jenkins, Kubernetes, Grafana, Prometheus, ArgoCD
Languages: Python, Bash
Networking: Security Administration, Cisco Switches and Routers

EMPLOYMENT
June 2019 – September 2019
It Specialist Intern, Technology and DevOps Group / Department of Homeland Security, Cyber and Infrastructure Security Agency
Created a security baseline for the Hunt and Incident Response team based off the Center of Internet Security (CIS) and the Security Technical Implementation Guide(Stigs) for the entire internal infrastructure; used **Ansible** to provision these servers that consisted of CentOS and Ubuntu machines; created Ansible management server that deployed this Ansible script weekly with cron and sent alerts with a python script I wrote with the results via Mattermost. Created SOP for vulnerability management across our infrastructure which consisted of creating an inventory process, selecting a reliable vulnerability feed, and being able to quickly spot which machines are affected by emerging vulnerabilities. Assisted in creating **Splunk** dashboards and implementing continuous monitoring across the internal network.

September 2018 – June 2020
Cybersecurity Research Lab Technician / California State University, San Bernardino

Enrolled in California State University San Bernardino's Cyber Security program. Responsible for overseeing lab activities and monitoring student operations within the lab as well as the equipment they use. Created projects to facilitate learning for students; allowing for a safe space for students to explore cyber security and study for classes. Participates in cyber research to benefit the lab and the school's reputation in the cyber community.

December 2016 - June 2018
Linux Hardware Technician / Vigor Systems

Repaired hardware and software issues on Linux based servers. Assisted in the creation of a testing process for image releases currently still used in the company. Also, assisted in the maintenance of the IT infrastructure while also automating and improving the network environment and processes. Created release notes for new patch releases and documentation processes and the process used to accurately document and measure satellite strength.

PROJECTS & COMPETITIONS

Kubernetes: Capture the Flag

Designed and created a continuing capture the flag competition that is managed and hosted on a multi-node Kubernetes Cluster. The cluster orchestrates vulnerable containers that students can attempt to root and retrieve flags. Applications such as Dam Vulnerable Web Application, Prometheus, ELK, along with vulnerable services such as SSH and FTP are in the cluster. Flags can be placed into CTFd to keep score and see your progress over a student's time at the university.

California State University, San Bernardino, DevOps Summer

Created and currently teaching a summer intern program for students that were displaced because of the Covid-19 Pandemic. Provides students with a lesson plan and Google Cloud instances where they can practice Docker, GitLab CI/CD, Ansible, and Kubernetes Basics. Lesson Plan approved by the school and fulfills students Scholarship for Service intern requirement. Curriculum is being reviewed to be a class for the Palm Desert Extension Program.

DevSecOps Project Leader

I have implemented a lesson plan to teach students how to automate security at scale using Ansible. This project is building a role that will apply the Center of Internet Security Benchmarks for Debian and RedHat based distributions. This teaches students about Linux Administration and how to use Ansible while also building a product that they can use.

SFS Virtual Reality: Secure Operations Center

Involved in an ongoing project which will allow a user to step inside a Secure Operations Center, anywhere in the world, using virtual reality equipment; Involved in the creation and design using Unity to create the virtual reality world. I was the projects lead for integrating **Kali** Linux VM, Windows Server VM, and other applications allowing the user to interact in real time using google cloud.

Defcon iCTF Competition

Placed in Open Source Intelligence (OSINT) Capture The Flag (CTF) contest competition at the DefCon 2018 using various tools in **Kali** Linux as well as other open source software

AWARDS

National Science Foundation SFS Cyber Corps
Coronado School of the Arts Award for Outstanding Improvisation (2012) (2013) (2014) (2015) (2016) (2017)
Reno Jazz Festival for Outstanding Musicianship (2014)
CMEA/KSDS Jazz 88.3 Outstanding Soloist (2014)
Coronado School of Arts Award for Best Solo in Festival – Independent Division (2015) (2017)
Dean's List- Cuyamaca College (2017)

References available upon request