

CASEY CRESSWELL

www.cresswell.io || casey@cresswell.io || 801-678-3582

EDUCATION

Bachelor of Science in Computer Science, Western Governors University

December 2021

Associate of Science in Pre-engineering, Utah State University

May 2017

CERTIFICATIONS

- **PWK OSCP - Expected** July 2021
- **ISC2 CISSP Associate** (Certified Information Systems Security Professional) - Aug 2020
- **CompTIA Security+ CE** - Sept 2019

PROJECTS

- **Reverse Engineered Malware Attack Package (2019)** - Used IDA Pro and NSA's Ghidra to enumerate software and find the attack files utilized. Identified a software embedded Symantec package which was missed by a third party security contractor. I was able to identify the wrapper used by the virus to appear as normal traffic.
- **Google Cloud, Financial SEC Data Website (2021, in progress) www.fortune.report** - Scraped financial data from the SEC's website using Go. Utilized Kubernetes, Docker, and Google Cloud SDK.
- **Full Stack Amazon Web Services AWS Website w/ Kubernetes/Redis/PostgreSQL (2021) - www.cresswell.io**
 - Current state: The website is written with React JS and the web server runs through Vercel. The web template and static page generator runs through Hugo (Go-lang based static site generator). The SSL Certificate is served using LetsEncrypt. Github repo management is handled through Vercel as it connects automatically to Github. Any code changes made and pushed to Github are instantly reflected in production.
 - In Development:
 - Plan to move from Vercel to Google Cloud or AWS, and use Kubernetes to serve up Docker Images for backend services
 - Blog posts will be served using Headless CMS through Vercel/Forestry.io
- **LANsweeper Internal Security Audit (2018)** - Scripted security audit in LANsweeper. Original SQL query was not scanning all assets, added a SQL query to filter out duplicates and show the gaps in asset management.

SKILLS

Proficient: AWS, Go, Web Development (Javascript/HuGo/JAMStack), Web Application Security, SharePoint Administration
Familiar: C++, Tableau/Excel/PowerBI, Scripting SQL Queries, Database Structures

EXPERIENCE

Jr. System Administrator: Defense Information Systems Agency — Jan 2020 - Present

- Assist DISA government users with IT device requests and support
- Work with DISA and DoD VIP customers to support direct IT requests
- *IPv4, Microsoft Exchange, Active Directory, Networking Diagnostics, VPN Issues, SD-WAN, SCCM*

Jr. System Administrator: Larry H. Miller Automotive Operations — Oct 2018 - Dec 2019

- Managed scheduling of IT field tickets, supported corporate users, facilitated general desktop support
- Supported system and network administrators (Cisco Meraki), internal IT work
- *Windows Server 2012/2016, Okta SSO and browser support, Active Directory GPO, LANsweeper, ServiceNow*

Substitute CS Teacher/PARA Assistant: Beehive Science and Technology Academy — Jan 2020 - May 2020

- Taught 7-10th grade as teacher in CS and technical courses
- Worked with after-school club, "Girls who Code" which is a DoD funded club focused on bolstering CS skills in 7-12 grade girls

Laboratory Technician: Nelson Laboratories - 2017-2018

- Calibration, maintenance, and troubleshooting of FDA regulated laboratory equipment