Casey Watanabe

casey@caseywatanabe.tech
https://caseywatanabe.tech (continuously updated)

» Profile

Passionate and obsessed with the world of IT, cyber security, and has experience in System Administration, Networking, Cyber Security, and Education. Also possess a strong desire to continue to learn IT, Cyber Security, and programming concepts either through job training or homelabs. Setting up multiple home labs using Virtual Machines and cloud based services such as Amazon Web Services, Linode, and Azure allowed me to further my knowledge of cyber security, web servers, and virtualization. Possess excellent verbal and written communication skills that were developed after many years of being a classroom teacher. As a former classroom teacher I am able to communicate and give clear instructions, both written and verbal, to various groups of people as well as people of all ages and backgrounds.

System Administration Experience

Department Of Education.   Since August 2018
King Progress   July 2018-July 2020

- Worked with administration to study data to determine policies, security updates, and programs to be used every quarter.
- Created and removed multiple user accounts for all students and staff on campus.
- Implemented policies for Chromebook and Google Suite usage across campus.
- Registered and removed various devices from Active Directory.
- Built and maintained various networking equipment including, servers, APs, and patch panels
- Built, maintained, and fixed various computers and printers across campus.
- Co-wrote school wide user agreements for computer usage for students and staff.
- Removed and EOL devices and migrated any information to approved devices across campus.
- Help wire and build multiple mobile computer carts to be stationed across campus.

Networking Experience

Department Of Education   Since August 2018
King Progress   July 2018-July 2020

- Installed and fixed failed hard drives on multiple servers.
- Terminated various ethernet cables of various lengths.
- Replaced and installed various APs across campus.
- Diagnosed multiple IDFs and MDFs on campus.
- Replaced ports on patch panels in various locations.
- Assigned static IP addresses for various printers and devices around campus.
- Update firmware on routers.
- Installed VPN software onto routers.

Cyber Security

Hack The Box   July 2021

Homelabs   June 2020

- Completed Hack The Box Tiers 0-2 gained experience in vulnerability scanning and privilege escalation.
- Owned 4 machines on Hack The Box/
- Picogym Score 1500
- Gaining experience in Kali and Parrot OS systems as well as OSINT concepts.
- Own and knowledgeable of how to use WiFi Pineapple and WiFi Coconut.
- Created Raspberry Pi Pico version of a USB Rubber Ducky.
- Learning to find vulnerabilities in APIs and how to exploit them.
- Installed Kali Samsung S7 edge for mobility network scanning.

Programming Experience

Department Of Education   Since August 2020

Homelab   Since August 2019

- Knowledgeable of Python and its libraries.
- Used python to create automated programs to cut on repetitive tasks.
- Used python matplotlib to visualize data sets.
- Used ArcGis Pro to make a map of all hazard areas on Maui's roads.
- Used ArcGis Online edition to create maps with a visual data layer pattern and a pop up.

Used ArcGis Pro to create scenes with 3D Objects to represent dangerous intersections on Maui.

» Education

H.P Baldwin High School, Wailuku, HI
Diploma, 2008

Leeward Community College, Pearl City, HI
Associates Degree, 2010

University of Hawaii At Manoa, Honolulu, HI
Bachelors in Secondary Education, 2014

» Skills

Excellent Communication Skills
Able to communicate effectively to various groups of people with different backgrounds and lifestyles. Comfortable speaking in front of large crowds or individually. Capable of

Great Leadership Skills

Able to lead small groups or large events with various participants from different backgrounds. Strong sense of responsibility and able to delegate necessary tasks. Willing to admit mistakes and accept the blame for any issues that occurred due to my shortcomings.

Self Directed Learner
Willing to do research and learn new skills on my own time. Spend about 10 hours a week to further my knowledge on concepts ranging from coding to cyber security and networking.

» Certifications and Licenses

Hawaii Teacher Standards Board Standard License
   License Number 38951, Social Studies 6-12, Valid 07/01/2019-06/30/2024

Network+
   Projected completion date 12/01/2022
Linux Competent
   Tryhackme.com

» Work Experience

Department of Education, Maui High School, Kahului, Hawaii
Technology Teacher, July 2014-June 2017 and July 2019-Present

Pier 1 Imports, Kahului, Hawaii
Sales support, December 2018-January 2020

Kings Progress, Wailuku, Hawaii
IT support, July 2018-July 2020
- Change out fried UPSes
- Organize work/server stations
- Run cables (CAT6) through various areas in offices
- Mange user devices and accounts
- Terminate cables (CAT6)

Department of Education, H.P Baldwin High School, Wailuku, Hawaii
Technology Coordinator and Teacher, July 2018-June 2019

» References

Rory Sato   phone 808-727-3287   email: rory.sato@k12.hi.us

Cory Shishido   phone 808-727-4122   email: cory.shishido@k12.hi.us

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