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MACARTHUR INBODY

OBJECTIVE

I constantly strive to improve myself and increase my knowledge so that I can help others.

SKILLS & ABILITIES

Linux Administration, Scripting, Automation, Programming, Networking, Ethical Hacking, Database Administration, Leadership, Team management, Teaching, Computer Forensics.

1st tier programming languages: PHP, Python, BASH/Shell, SQL (MySQL/Postgres flavor mostly), CSS3, HTML5, JavaScript.

2nd tier Programming Languages: C, C++, PowerShell, Batch.

Frameworks/Libraries: jQuery, jQueryUI PDO, SQLAlchemy

Ethical Hacking: Wireshark, Enumeration & Exploitation, Hashcat, JohnTheRipper, aircrack, Ghidra, gdb, ltrace, dirbuster/gobuster, SQLMap, Burpsuite, Metasploit, Uncompyle, JAD.

Linux Administration: Chron, Debian/Red hat system administration. Virtualization, KVM, LUKS, SELinux, Firejail, ChRoot

Database Administration: SQLWorkBench, MySQL CLI, Configuration Optimization. InnoDB optimizations.

Computer Forensics: dd5, Autopsy, PhotoRec, binwalk, Documentation.

EXPERIENCE

CYBERSECURITY LAB DESIGNER, MOUNTAIN EMPIRE COMMUNITY COLLEGE

2019/07/04 – 2020/05/15

I designed course curriculum for the ITN-171 Unix course. Created a self-testing series of labs for the course. The project was writing in BASH, and some C. The entire thing was made to run on any Linux device from a wireless router to a full server. I also worked on the CAE certification for the college by modifying the course curriculum so that the courses taught what was required for the KUs from the NSA's outline. Further I taught the Unix course some days and showed the students how to do various tasks. I also wrote CTF challenges for the students to complete as part of their practical portion of Unix, Certified Ethical Hacker, Security+ and Python course.

In addition, I also taught the Python course how to use Git, GitHub, and how to do more advanced tasks within the Python language.

FREELANCER, TRANSCENDENTAL INC

2010/05/01 – Current

I did DBA work, program optimization and the like on a freelance/contract basis. I moved a browser-based game from full page refreshes to utilizing Ajax for all user interactions after login in 2009. I also changed the database engine from MyISAM to InnoDB and optimized all the queries to improve the performance of the system itself and to reduce the "lag" that the users

felt during their interactions to help improve the ROI of the business. Later I designed the database tables/system that would replace the inventory system for a small company in Beirut, Lebanon. Their previous system was an excel workbook that was on a share requiring people to coordinate their updates to the platform.

Finally, the last major project I did was hooking up a webcam to a client's website so that it would show a live feed of his chickens as they drank their water. One requirement was that no new hardware should be purchased so I reverse-engineered the firmware of the webcam and created a script that'd fetch the frames from it and then upload them to the server after collecting a few snapshots and combining them into a MJPEG file this was then uploaded over SCP to his site and it also kept the last 2 clips and handled deleting the oldest one so that storage space wouldn't sprawl out of control.

EDUCATION

MOUNTAIN EMPIRE COMMUNITY COLLEGE – BIG STONE GAP VA – ASSOCIATES OF NURSING, CYBERSECURITY CERTIFICATE, ASSOCIATES OF SCIENCE SOFTWARE DEVELOPMENT

I am currently enrolled at MECC and I am doing 3 majors. I am enrolled the RN program, Software Development and finally the Cybersecurity Certificate. I also earned a Health Sciences Work Certificate.

I was a member of the Rho Nu Nursing club at MECC. The CTF club as the captain/leader.

MOUNTAIN EMPIRE COMMUNITY COLLEGE – BIG STONE GAP VA – HEALTH SCIENCES CERTIFICATE.

May 15, 2020.

AWARDS

Pro-Hacker on HackThebox

NCL Spring Game Individual game: 57th overall (99th percentile), and 52nd in gold bracket (99th percentile).

Verify at: https://cyberskyline.com/report/H3X18V501GW5

NCL Team Game: 104th overall also competed in the Gold bracket.

Verify at: https:// cyberskyline.com/report/CEXH4V9HB93F

Got 1st place at BSidesSWVA 2019.

Achieved rank of "Pro Hacker" on HacktheBox (username 133794m3r)

CERTIFICATIONS

Security+: https://www.certmetrics.com/comptia/public/verification.aspx code=34250C2EZC41QKW9

Autopsy 8hr course: https://www.credential.net/eae0fb9e-1a87-4679-8f19-1d9bcb396d2f

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PORTOFILO SITES

GitHub profile: https://github.com/133794m3r

Stack overflow page: https://stackoverflow.com/story/133794m3r

LinkedIn Profile: https://linkedin.com/in/macarthur-inbody

PLURALSIGHT SKILL EVALUATIONS	Ethical Hacking expert 224 90th percentile
	Linux Administration expert 222 89th
	Linux Fundamentals expert 250 96th percentile
	JavaScript expert 218 87th percentile
	Managing Source Code with Git proficient 191 76th percentile
	HTML5 expert 216 87th percentile
	MySQL expert 236 93rd percentile
	PHP proficient 196 78th percentile
	Python expert 220 88th percentile

LEADERSHIP

I am the Team Lead of the CTF Club at Mountain Empire Community College. I lead the students in the Radford Competition, BSidesSWVA, and during the NCL Spring Competition of 2020.

REFERENCES

REFERENCES ARE AVAILABLE UPON REQUEST