Diana L. Ramirez

https://dlramirez2.github.io

(915)490-7486 | Dlramirez2@miners.utep.edu | Willing to relocate | Searching for Summer 2021 Internship

Education

MASTER OF SCIENCE IN SOFTWARE ENGINEERING | SPRING 2021 | THE UNIVERSITY OF TEXAS AT EL PASO
· Concentration: Secure Cyber-Systems   Overall GPA: 3.75

BACHELOR OF BIOLOGICAL SCIENCES | FALL 2017 | THE UNIVERSITY OF TEXAS AT EL PASO
· Concentration: Biomedical   Overall GPA: 3.57

Skills & Abilities

· Familiar with Java, Python and PHP Programming Languages.
· Experience with Docker, Wireshark, Nmap, Autopsy, Volatility, Hydra THC, Evil WinRM, enum4linux, Nikto, OWASP's ZAP and AMASS, and Burp Suite.

LEADERSHIP

· CyberCorps: Scholarship For Service Recipient 08/2019 - Present
· University Medical Center: Volunteer of the Year 2019 Award recipient.

Volunteer Work

ICU VOLUNTEER ASSISTANT| UNIVERSITY MEDICAL CENTER EL PASO | 08/2018 TO PRESENT
· Assisted medical center staff with patient care at the Intensive Care Unit.

Experience

INFORMATION TECHNOLOGY EVALUATIONS DIVISION INTERN | HUD OIG | 06/2020 TO 10/2020
· Verified security controls and identified security weaknesses of four different systems comprised of 100+ servers. In accordance with an approved rule of engagement, the security control verification involved testing security controls in web applications, operating systems, and databases.
· Utilized industry standard security tools that were purchased or open-source.
· Tasked with submitting a report detailing which controls were tested, how the controls were tested, and the results of each conducted test.

RESEARCH ASSISTANT| DEVCOM ARMY RESEARCH LABORATORY | 06/2019 TO PRESENT
· Developed a 2-part MySQL and web vulnerabilities workshop. The workshop presents a vulnerable website that participants are able to exploit using penetration testing tools such as sqlmap and Hydra.
· The first part aims to provide participants with insights in the importance of security both in websites and MySQL databases against possible attacks such as XSS, SQL Injection and Brute Force.
· The second part aims to introduce participants to remediation actions for the previously identified vulnerabilities by allowing participants to interact with the database and write snippets of php code.

PEER LEADER| UTEP COMPUTER SCIENCE DEPARTMENT AND CAHSI | 09/2018 TO 12/2018
· Provided peer mentoring and guidance to other Computer Science students at UTEP.
· Provided weekly presentations for peers to explain basic concepts of data structures and algorithms for the CS 2401 course students at UTEP

CSTECH TEAM |UTEP COMPUTER SCIENCE DEPARTMENT| 06/2018 TO 08/2018
· Reviewed IT network information to gain insight into areas of potential improvement.
· Reimaged computers in lab using NFS server/client set up and upgraded hardware on PC's and their Drives.