

TXT/Call (915)490-7486 | Dianaramz77@gmail.com | Searching for Full-Time Permanent Remote Employment

Education

MASTER OF SCIENCE IN SOFTWARE ENGINEERING | SPRING 2021 | THE UNIVERSITY OF TEXAS AT EL PASO

- Concentration: Secure Cyber-Systems Overall GPA: 3.84
- NSF CyberCorps: Scholarship for Service Recipient 2019-2021

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, IDA Pro (Free version), Ghidra, Nmap, Autopsy, Volatility, Hydra THC, Evil WinRM, enum4linux, Nikto, Nessus,OWASP's ZAP and AMASS, and Burp Suite.
- Software Design and Requirements definition.

CERTIFICATIONS

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|--------------------------|------------------|---------|
| • ISC ² CISSP | 1490681 | 08/2023 |
| • CompTIA Security+ | COMP001021993773 | 04/2022 |
| • CEH v11 | ECCC4928761305 | 12/2021 |

Experience

COMPUTER SCIENTIST | ARMY DEVCOM ANALYSIS CENTER | 09/2021 TO PRESENT

- Contributes to ARMY mission of improving information systems and overall battle-field used systems, by participating in events to evaluate the security posture of these systems.
- Team lead of a DAC innovation project that leverages AI/ML for Cybersecurity Tool Development and enhancement.
- Co-Team lead of DAC's talent management program. Faculty/Customer in Capstone Level course at The University of Texas at El Paso Computer Science Bachelor's Degree.
- Aids and mentors DAC interns from all over the country year-round.

RESEARCH ASSISTANT| DEVCOM ARMY RESEARCH LABORATORY | 06/2019 TO 05/2021

- Developed a 2-part MySQL and web vulnerabilities workshop. The workshop presents a vulnerable website that participants are able to exploit using open-source 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 the penetration testing process, specifically the vulnerability analysis and remediation steps. The workshop allows participants to create events and triggers in a MySQL database, and write snippets of php code to patch an identified vulnerability.
- Publication: ARL-SR-0439 Feb 2021

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.