Diana L. Ramirez

https://dlramirez2.github.io

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
· UTEP Presidential Scholarship   2014-2017

Certifications, Skills & Awards

· ISC^2 CISSP   1490681   **08/2023**
· CompTIA Security+   COMP001021993773   **04/2022**
· CEH v11   ECCC4928761305   **12/2021**
· Familiar with Java, Python and PHP Programming Languages.
· Experience with industry standard security tools, subscription only & open-source.
· Software Design and Requirements definition.
· El Paso University Medical Center Volunteer of the Year 2020
· LULAC Excellence in Service Team Award 2023

Experience

COMPUTER SCIENTIST | ARMY DEVCOM ANALYSIS CENTER | 09/2021 TO PRESENT
· Contributes to ARMY mission of improving information systems and overall battlefield used systems, by participating in events to evaluate the security posture of these systems.
· Team lead of a DAC innovation project that leverages ML for Cybersecurity Tool Development and enhancement. Research's existing tool solutions and conducts code refactoring cycles to enhance and improve in-house tool development.
· Co-Team lead of DAC's talent management program. Leads and organizes over 10+ events every year to showcase DAC's involvement and commitment to engaging minority communities in the STEM field.
· Customer/Faculty in Capstone Level courses at The University of Texas at El Paso Computer Science bachelor's degree since Spring 2022. Assists 90+ students in crafting a Software Requirements Specification (SRS) document. Conducts bi-weekly Q&A sessions, where I offer guidance and insights ensuring that aspiring professionals receive hands-on experience in SRS development. Additionally, I provide students with feedback that aids in the successful development of prototypes using the SRS document as a blueprint for projects.
· Guides and Mentors DAC's intern cohorts. Shares technical and professional guidance with interns 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 can exploit using open-source penetration testing tools such as sqlmap and Hydra.
· 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.
· Tasked with submitting a report detailing which controls were tested, how the controls were tested, and the results of each conducted test.