CHRISTOPHER ANDRADE

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Certifications

Junior Penetration Tester (eJPT), INE Security – In Progress
Google Cybersecurity Certificate, Coursera – Sep 2023

Experience

Merchants Of Golf   May 2023 – Sep 2023
Data Analyst Intern   *Harbor City, CA*
- Enhanced data-driven decision-making by consolidating information from diverse sources including databases, Excel spreadsheets, and external datasets, resulting in streamlined insights and improved strategic planning
- Optimized data accuracy by conducting comprehensive validation and verification, reducing errors by 15%, ensuring more reliable insights and decision-making
- Facilitated informed decision-making by gathering and synthesizing data from diverse sources, resulting in concise written reports and presentations that accelerated project timelines
- Proactively identified and resolved data-related challenges through critical thinking, fostering a smoother workflow and improved data quality

Projects

Automated Pentesting (PDF Extractions) | *Python, Nmap, Oracle VirtualBox, KaliLinux*   Sep 2023 – Present
- Conducted an initial Nmap scan to assess the first 6000 ports on a remote machine's IP address
- Detected an active website hosted on port 80 while analyzing the results of the Nmap scan, prompting further investigation
- Upon inspecting the webpage's source, identified a noteworthy pattern of identical PDF files in a specific format
- Implemented automation by developing a custom Python script to systematically retrieve and download all PDF files with the same format

Active Directory Home Lab | *PowerShell, Oracle VirtualBox, Windows Sever, Windows 10*   Sep 2023 – Present
- Utilized PowerShell for the automated provisioning, maintenance, and deprovisioning of user accounts
- Established Remote Access Server (RAS) features to enable NAT/PAT support for enhanced connectivity
- Implemented and maintained Windows DNS and DHCP services
- Configured Windows File Servers, including the implementation of storage quotas and fine-tuned NTFS permissions for data security

Network Traffic Analysis | *Linux, Wireshark, Oracle VirtualBox, Ubuntu*   Sep 2023 – Present
- Installed Wireshark on an Ubuntu system and configured it for non-super users within the Wireshark group
- Utilized Wireshark to capture network packets through an Ethernet port, saving the capture data to a file
- Employed a Wireshark display filter to specifically identify HTTPS packets within the captured data
- Initiated a Wireshark capture, navigated to a web page, and skillfully pinpointed its associated IP address using the display filter
- Initiated a capture, browsed various websites, stopped the capture, and filtered out packets originating from a specific IP address within the captured data

Vulnerability Management | *Nessus, VMware, Windows 10*   Sep 2023 – Present
- Installed and configured Nessus Essentials to preform credentialed vulnerability scans against Windows 10 Hosts
- Implemented Vulnerability Management Function within sandbox networks
- Conducted vulnerability assessments using Nessus and successfully remediated identified vulnerabilities
- Developed an automated remediation process to proactively address vulnerabilities arising from Windows updates and third-party software

Education

University of California, Merced   Aug 2019 – May 2023
B.S. in Computer Science and Engineering

Relevant Coursework: Software Engineering, Data Structures, Circuit Theory, Algorithms, Operating Systems, Database Systems, Intro to Object Orient Program, Intro to Computer Vision, Linear Algebra, Engineering Economic Analysis

Technical Skills

Languages: Python, SQL, C/C++, HTML, CSS, JavaScript, PowerShell
OS Systems: WindowsOS, MacOS, LinuxOS
Security/CTF: Nmap, Linux commands, Virtualization, KaliLinux, VirtualBox, Nessus Essentials, VMWare, Wireshark, Splunk, Automation, Microsoft Active Directory, Tcpdump, Linux system administration, Bash Scripting