

Walter Carbajal

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SUMMARY

Information Security Engineer with 2+ years of experience leading the design, development, and management of enterprise information security solutions. Hands-on Leader focused on defining and implementing robust security policies and procedures, managing threat monitoring and analysis, and developing automated solutions to optimize enterprise-wide security.

SKILLS

- **Information Security:** Data Security & Privacy (CCPA, NIST, GDPR), Business Continuity & Disaster Recovery, Network & Application Security, Security Information and Event Management, Identity and Access Management, Endpoint Protection, Incident Response, Vulnerability Management, Threat Investigation, Software Engineering & Automation, Risk Management
- **Leadership:** Strategic Planning & Execution, Project Management, Prioritization, Process Improvement, Cross-functional Collaboration, Training & Development, Interdepartmental Alignment, Executive Reporting
- **Software:** Python, JavaScript, bash, Git, Linux, Docker, SQLAlchemy, PostgreSQL, Veracode, Cofense, Jenkins, Docker, Kubernetes, Snyk, CheckMarx, WhiteHat, Burp, Nessus, BitSight, CrowStrike, Nmap, SSL/TLS Management, Rapid7 SIEM, Akamai, Kaseya, Jamf, Zendesk, Jira

EDUCATION & CERTIFICATIONS

- **Bachelor of Science in Computer Science, California State University Los Angeles**
 - **Senior Software Engineering Capstone Design Project:** Led a 5-person team to design, develop, implement, and test a PDF automation tool using Visual Studio, ASP.NET MVC, Entity Framework, C#, jQuery that helps users categorize and rearrange PDF pages with up to 6GB+ of data according to specified priority tags. Provided weekly updates and delivered the tool to client Engineering leads from QTC, a subsidiary of Lockheed Martin.
- **Associate of Science in Computer Science and Natural Sciences and Mathematics, Los Angeles City College**
 - **STEM Machine Learning Project, City of Los Angeles:** Cleaned and analyzed employee timesheet data using RStudio, R, and Microsoft Excel to identify patterns in employee absence surrounding specific events including holidays, birthdays, and major sporting events with machine learning algorithms and techniques. Presented the findings to the City of Los Angeles Management team.
- **CompTIA Security+ Certification**

RELEVANT EXPERIENCE

Information Security Engineer, Leaf Group

2019 - Present

- Serve as the Rapid 7 SIEM principal engineer by leading the deployment and optimization of detection rules, the incident response workflow, and issue remediation.
- Developed and executed corporate policies for mandatory 2FA for VPN, corporate social media accounts, SAAS application emails, and new vendors/services security checklists.
- Oversee Identity and Access Management (IAM) for enterprise assets including Active Directory security groups, Google Workspace Directory, and SAAS applications with thousands of users.
- Perform vulnerability scanning and management using Nessus and assess and remediate issues using a self-developed tool for Nessus/Zendesk integration.
- Led security awareness programs including Habitu8 cybersecurity training and quarterly PhishMe simulation campaigns that helped reduce simulation click rates for 500+ users from 22% to 4%.
- Developed the OWASP top 10 curriculum for HackEDU security training to ensure developers prioritize security.
- Lead biweekly new hire information security trainings for groups of up to 10 new hires per session
- Implemented new methods of authentication using SAML and OAuth for various enterprise services.
- Developed an internal tool to automate SOX Compliance that reduced time to complete tasks by 80%+ by checking Github for all merged pull requests, identifying corresponding JIRA tickets, and importing data to track code changes.
- Deploy and configure Checkmarx and Whitehat SAST/DAST tool to triage vulnerabilities and enhance web app security.
- Manage the deployment, tuning, and response of CrowdStrike endpoint protection for all workstations and servers.
- Eliminated human error and optimized operational efficiency by building and managing CertMan, a Python application that securely creates and stores private keys and makes API calls to provision 300+ SSL/TLS certificates.
- Defined Akamai security policy and optimized emergency incident response by making improvements to the network list for segmentation of changes to efficiently target assets under attack.
- Conduct security reviews of 3rd party applications, including authentication, access control, and data encryption.