

Derek Martin

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SUMMARY

Highly skilled CISSP/OSCP certified Cybersecurity Engineer with a strong background in automation and generative AI. Proven track record in developing innovative solutions to protect against advanced cyber threats.

EXPERIENCE

Red/Offensive Operations Analyst | PM SCADA | Montreal, QC | January 2023 - Present

- Conducted 50+ software vulnerability assessments, resulting in the identification and remediation of 90% of potential weaknesses in software applications, systems, and networks.
- Successfully performed 20+ penetration tests, uncovering critical vulnerabilities that prevented exploitations by malicious actors. These findings led to the implementation of robust security measures, reducing the risk of cyber attacks by 75%.
- Reviewed and analyzed 100,000+ lines of code, detecting and resolving 95% of security flaws, coding errors, and potential vulnerabilities. Utilized static and dynamic analysis tools to ensure adherence to secure coding practices and industry standards.
- Played a key role in 10+ security operations center (SOC) activities, including incident response, threat hunting, and security incident analysis. Collaborated with cross-functional teams to develop and implement effective security measures, resulting in a 50% reduction in response time to security incidents.

Director, Ad Technology | Metric Theory | San Francisco, CA | January 2018 - August 2021

- Developed and maintained automation, reporting, and analytical reporting systems for a marketing agency, resulting in a 30% increase in efficiency and a 20% reduction in manual errors.
- Leveraged BigQuery extensively for data analysis and reporting purposes, processing over 1 million data points per day with 99% accuracy.
- Utilized ETL tools to extract, transform, and load data from various sources, resulting in a 50% reduction in data processing time and ensuring data integrity and consistency.
- Integrated and utilized over 50 marketing APIs for reporting purposes, providing comprehensive insights and analytics that led to a 25% increase in client satisfaction and retention.
- Created complex software applications utilized company-wide, resulting in a 40% increase in productivity and a 15% reduction in project turnaround time.
- Managed a team of 5 direct reports, leading to a 20% improvement in team collaboration and a 10% increase in overall software development project success rate.

EDUCATION

Bachelor of Science, Accounting | Villanova University | Villanova, PA | 2006

CERTIFICATIONS

Certified Information Systems Security Professional (CISSP) | ISC)² | 20232

Offensive Security Certified Professional (OSCP) | Offensive Security | 2023

Certified in Cybersecurity | ISC)² | 2022

SKILLS

Languages: Python, Ruby, PHP, JavaScript, C++, Java, Bash

Security Analysis: Nmap, Metasploit, Burp Suite, Exploit Development, PowerShell, Active Directory

Cloud/DevOPS: Azure, AWS, GCP, Kubernetes, Docker

Languages: French (B1), English

