# Jeffrey Rivero

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### Summary

A proven Security professional with extensive experience performing vulnerability and penetration assessments, managing large scale network controls, automating security controls; all while managing teams for a wide range of deliverables. A proven leader, mentor and teacher who thrives in a team environment.

## Objective

To obtain a challenging position that utilizes my security and management experience that allows us both to compete in an ever-changing business world.

#### Technical Skills

Kubernetes ElasticSearch Docker Network Assessments Penetration Testing Secure Code Review GCP terraform bash UNIX C, C++, C# Programming HTMLNetwork Security MS-SQL Python Assembly (680xx, x86) SOAP/Rest Cisco OWASP Linux SOL Reversing Ida Pro / ghidra RedTeam / BlueTeam Architecture (secure) Scalable Design Post mortem analysis

# Professional Experience

#### American Heritage Computer Science/Security Corse Developer 2018 - Present

- Design and develop Computer Science Essentials course
- Design and develop Programming with a purpose course
- Design and develop Advance Cyber Security course
- Design and develop Introduction to Machine Learning and AI course
- Design and develop Cyber Security attack and defend course
- Lead teacher for courses above
- Develop teach the teacher programs for the courses above

#### Ultimate Software Inc. Manager/Principal security architect 1999 - Present

- Design security gates/borders automations to GCP
- Design Automation to the cloud (CICD, visibility, MESH (istio) ,...)
- Design Software Development Life cycle security check points and security gates
- Automate Security review system in ensure code coverage and visibility
- Design Risk visibility system to ensure Management visibility and assist in proper direction
- Design kubernetes clustering deployment infrastructure, leveraging CI/CD technology
- Design and implement Security Defense systems
- Created cluster technology handling more than 300,000 events per second
- Designed and created distributed application system written in Delphi
- Designed and created RBAC based security system in c# supporting over 1M concurrent logins per second

- Created and led internal development application security team (tiger/red team)
- Created and led internal Security Operations team (SOC/Blue team)
- Developed new threat matrix to assist management in identifying risk to organization
- Created, led and mentored hacker teams (red and blue)
- Created Automated/Autonomous assessment system to simplify and scale the process of finding software vulnerabilities
- Worked closely with ITG security to assist in mitigations of any known security vulnerabilities

### Security Department CEO/Pres

2007-Present

Consulting based company specializing in security penetration testing and secure software development and auditing.

- Performs vulnerability assessments both remotely and onsite. Including
  - o Internal, External, Wireless, VPN, War Dialing, Social Engineering, Trashing/Dumpster Diving, Distributed Web Applications, Web Services, Zero Knowledge Security Assessments, Embedded devices.
- Performs research, analysis and evaluations of new security products and technologies related to existing services and new business initiatives in addition to evaluating new threats and vulnerabilities as they are discovered.
- Skilled in presentation of findings to senior executives and engineers.
- Creation of processes and procedures for penetration tests and vulnerability assessments
- Creating of systems to identify IOT based attach vectors dealing with supply chain and client-based requirements
- Embedded IOT client-side validation

#### Fissato Hosting Inc CEO/Pres

2005 - 2009

Internet hosting company based in south Florida specializing in high security risk and often hacker targeted web applications. Designed and implemented web application security policies and infrastructure.

#### Hvide Marine Inc. Senior Network Specialist

1998 - 2000

Performed advanced network troubleshooting and integration on PC and server-based environments. Helped in the integration of Oracle and Windows NT Terminal Server. Started, researched and documented Y2K issues with projects completing on time. Completed remote server installation while providing the user and administrative tech support. Developed advance network administration functions on time. Developed custom software solution (Ftp utilities for users) interfacing UNIX and DOS.

## Education

- Florida Atlantic University Bachelor Computer Science (2000)
- Palm Beach Community College Computer Engineering core AA Diploma (1997)

## Certifications

- Certified Information Systems Security Professional (CISSP, 2005, ID=60912)
- Certified Ethical Hacker (CEH 2007)
- EC-Council Certified Security Analyst (ECSA, 2007, ID=ECC920947)
- Qualified Security Analyst (QSA, 2007)

Jeffrey M. Rivero Page 2