

Contact

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(LinkedIn)

Top Skills

PydanticAI

Go (Programming Language)

Prompt Injection

Languages

Persian (Full Professional)

English (Native or Bilingual)

Certifications

CompTIA Linux+ ce Certification

Microsoft Certified: Azure Security
Engineer Associate

OffSec Certified Professional+
(OSCP+)

Oracle Cloud Infrastructure 2025
Certified Security Professional

Publications

Cybersecurity Framework Profile for
Hybrid Satellite Networks (HSN)

Sam Sepassi

AI Interaction Engineer at Tanium
Sterling, Virginia, United States

Summary

Senior Cybersecurity Technical Specialist with progressive experience designing secure architectures, leading vulnerability management initiatives, and executing threat mitigation strategies across financial, federal, and technology sectors. Proven ability to conduct Design Engagement Reviews, align security strategies with business objectives, and lead enterprise-wide compliance efforts aligned with industry-standard security frameworks and data privacy regulations. Skilled in secure system design across on-premises and cloud environments such as AWS and Azure, risk-based vulnerability prioritization, and continuous monitoring. Certified across multiple domains including CISSP, OSCP, CCSP, AWS Security Specialty, and CASP+. Adept at streamlining risk management processes, integrating threat intelligence, and applying the MITRE ATT&CK framework to enhance incident response and reduce attack surfaces. Passionate about AI and its intersection with cybersecurity, leveraging automation, intelligent threat detection, and emerging technologies to strengthen enterprise defenses. Committed to mentoring teams and applying innovative solutions to evolving cyber threats.

Experience

Tanium

AI Interaction Engineer

August 2025 - Present (2 months)

Oracle

Senior Security Architecture Specialist - Oracle Health & AI

March 2025 - August 2025 (6 months)

Freddie Mac

Cyber Security Senior - Vulnerability Management

August 2023 - March 2025 (1 year 8 months)

MITRE

Senior Cybersecurity Engineer

March 2023 - August 2023 (6 months)

Leidos

1 year 8 months

Cybersecurity Engineer - Cybersecurity Architecture and Engineering (CAE)

October 2022 - March 2023 (6 months)

Cybersecurity Risk Management Analyst

August 2021 - October 2022 (1 year 3 months)

TIAG®

IT Specialist Intern

December 2020 - August 2021 (9 months)

Education

The George Washington University - School of Engineering & Applied Science

Master of Engineering - MEng, Cybersecurity Analytics

George Mason University

Bachelor's degree, Information Technology

Northern Virginia Community College

Associate of Science - AS, Information Technology