

STEVEN J. OMEIS

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SUMMARY

DevSecOps Engineer with 5+ years of experience deploying, hardening, and maintaining infrastructure in both government and commercial environments. Specializes in Linux system administration and the development of secure CI/CD pipelines in both AWS and Google Cloud. Proven track record of maintaining highly-available data monitoring solutions for mission-critical security operations.

EDUCATION

University of Massachusetts, Amherst
B.S. Computer Science, GPA: 3.54

September 2016 - January 2020

SKILLS AND INTERESTS

Skills: Linux administration, Splunk administration, Google Security Operations (SIEM/SOAR) development, Python, C++, Bash Scripting, Ansible, Terraform, GitHub Actions, Kubernetes, Docker, AWS, GCP, OpenStack
Interests: Cybersecurity, Networking, Systems Programming
Certifications: CompTIA Security+

EXPERIENCE

Viasat Inc. October 2020 - Present
Software Engineer Carlsbad, CA
- Deploying, administering, and maintaining cloud-based SIEM platforms for commercial and government customers.
- Creating IaC pipelines to automate the deployment of highly-available log collection infrastructure.
- Collaborating with the analyst team to create tailored detections based on threat intelligence and APT behavior.

Kite October 2019 - March 2020
Code Author & Video Creator Remote
- Authored over 50 Python tutorials and code samples as a part of the Kite Answers platform.
- Directed and produced a series of Python tutorial videos for Kite's YouTube channel.
- Trained the LLM by implementing and validating numerous Python programming challenges.

Viasat Inc. May 2019 - August 2019
Software Engineering Intern Carlsbad, CA
- Designed and implemented a secure network simulator for Layer 2 data encryptors in C++.
- Demonstrated secure key exchange using Diffie-Hellman and elliptic curve cryptography.
- Learned the fundamentals of advanced applied cryptography from engineers at the cutting edge of their field.

PROJECTS

GroupMe Chatbots Ongoing since 2023
- Integrated and trained lightweight chatbots powered by ChatGPT and Grok in the GroupMe app via AWS Lambda.
- Gained a deep understanding of the capabilities and applications of the latest production AI models.

Home Lab Ongoing since 2022
- Maintained a network of Raspberry Pi servers across the country, providing family access to services including VPN and NFS-based media and file storage.
- Experimented with penetration testing and server hardening techniques to employ on my personal website.

VOLUNTEER EXPERIENCE

SoCal Parrot Rescuer May 2025 - Present
Rescuer San Diego, CA
- Facilitate the rescue and transportation of naturalized parrots in need to the organization's sanctuary.
- Exploring my passion for ornithology and animal welfare through hands-on experience with avian care.