Conner Jordan

Security Engineer

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PROFESSIONAL SUMMARY

Security Engineer who builds and operates production-grade systems where ambiguity meets real-world constraints, delivering deployable controls, API-driven automation, and AI-augmented SecOps with a bias for operational reliability

TECHNICAL SKILLS

Security Engineering & Automation: Vulnerability remediation automation, endpoint hardening workflows, patch orchestration, deployable security controls

Cloud & Platform: AWS ECS, Docker, IAM/secrets management, CI/CD pipelines, infrastructure as code (Terraform, Ansible), Microsoft Graph API, CrowdStrike RTR

Security Data & AI: Asset correlation, Pandas/NumPy analytics, RAG pipelines (LangChain + vector databases), retrieval tuning, AI governance

WORK EXPERIENCE

University of California, Office of the President
Oakland, CA (Remote)

Security Engineer
March 2025 - Present

- Built Coraline, an open-source-ready Dockerized Flask and React security tool on AWS ECS that ingests and correlates data from five disparate security and IT inventory sources; implemented hierarchical confidence-matching algorithms to reconcile over 500 drifted assets across 7,000+ endpoints.
- Developed an auditable RAG pipeline using LangChain and vector databases for internal SecOps knowledge retrieval, enabling instant access to security context across the organization.
- Built API-driven vulnerability response automation for macOS and Windows fleets, analyzing vulnerability classes and accelerating patch deployment to meet University-wide cybersecurity mandates.
- Architected secure server infrastructure for a 2,900-user identity portal; integrated MFA providers and enforced network security protocols through code review and secure implementation practices.
- Translated complex security requirements into deployable controls by partnering across IAM, Networking, and Endpoint teams; documented architectures and runbooks to support cross-functional execution.
- Operationalized standardized asset remediation through org-wide runbooks for AI security tooling, ensuring audit-ready governance across UC's developer ecosystem.

Great Wolf Resorts
Chicago Corporate Office (Remote)

Security Support Engineer
May 2023 - March 2025

- Built Python and PowerShell automation tools for hybrid Azure tenant management, deploying endpoint agent updates, patching, and BitLocker enforcement across 10,000+ devices.
- Developed PowerShell CLI tooling integrated with Microsoft Graph API to manage distribution lists of 10,000+ users, eliminating manual error and reducing annual workload significantly.
- Engineered Python-based log analysis frameworks in Rapid7 using Pandas and NumPy to detect anomalous behavior and common vulnerability patterns across hybrid environments.
- Built custom Python tools to analyze phishing simulation data from KnowBe4, transforming raw metrics into actionable insights that improved organizational compliance rates.
- Created security certificate deployment tooling using CrowdStrike RTR and PowerShell scripting to prevent service disruptions through automated remediation workflows.

Simple.biz
Durham, NC (Remote)

Freelance Web Developer
August 2022 - May 2023

- Delivered production-grade web applications to paying clients with CI/CD pipelines featuring automated build and deployment scripts for consistent, secure releases.
- Integrated automated security and accessibility testing using Selenium to surface WCAG/ADA compliance issues early, reducing defects through early feedback loops.
- Conducted systematic cross-browser and cross-device compatibility testing with scripted automation, achieving a reduction in user-reported issues through root-cause resolution.

EDUCATION

California State University - Monterey Bay

B.S., Computer Science
Capstone Award for Innovation

Developed PhishFinder, a security tool comprising a Chrome extension and Python backend API that performs automated analysis of SPF, DKIM, and DMARC protocols using NLP for phishing detection; awarded Most Innovative Project at the 2024 Capstone Festival.

CERTIFICATIONS

AWS Certified Cloud Practitioner *January 2025*