

Conner Jordan

Security Engineer Software Engineer II

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PROFESSIONAL SUMMARY

Security-aware full-stack engineer who delivers accessible, reliable systems end-to-end, building secure internal tools with React, Python, and CI/DevSecOps Engineer who ships production security services and automation (cloud + endpoints), translating requirements into deployable controls and measurable risk reduction automation while integrating AI to empower educators and learners globally

TECHNICAL SKILLS

Languages: Python, C, C++, TypeScript, Java, SQL, PowerShell, Bash, Swift, Rust, Go

Security Tooling: Vulnerability management, SIEM, EDR, XDR, SOAR, endpoint management **Security Engineering & Automation:** Vulnerability remediation automation, endpoint hardening workflows, patch orchestration, deployable security controls

AI/ML and Research: RAG pipelines, vector databases, NLP, retrieval evaluation and tuning, LLM developer tooling

Frameworks and Infrastructure: Flask, FastAPI, Django, React.js, Node.js, Docker, Spring Boot, MCP/FastMCP, Next.js

DevOps and CI/CD: Cloud & DevSecOps: AWS ECS, Docker, CI/CD pipelines automation, infrastructure as code, configuration management, container orchestration, serverless compute, managed databases, secrets management, AWS/GCP/Azure Microsoft Graph API, CrowdStrike RTR

Databases: PostgreSQL, MySQL, MongoDB, DynamoDB, SQLite, Redis, Snowflake, ClickHouse, Databricks, vector databases. **Security Data, Analytics & AI:** Asset correlation, Pandas/NumPy log analytics, RAG pipelines (LangChain + vector databases), retrieval tuning, AI governance

WORK EXPERIENCE

University of California, Office of the President Security Engineer

Oakland, CA (Remote)
March 2025 - Present

- Delivered 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.
- Engineered an AI-augmented security chatbot using LangChain and vector databases, enabling instant retrieval of SecOps knowledge across the organization while ensuring governance and auditability for internal deployments.
- Developed API-driven vulnerability response automation for macOS and Windows endpoints, analyzing vulnerability classes and accelerating patch deployment to meet University-wide cybersecurity mandates.
- Architected secure server infrastructure for a 2,900-user identity portal; led cross-departmental integration of MFA providers and enforced strict 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; communicated technical architectures to engineers and leadership to drive informed decision-making.
- Operationalized standardized asset remediation across UC's developer ecosystem through org-wide runbooks, supporting secure adoption of AI tooling and internal security services.

Great Wolf Resorts Security Support Engineer

Chicago Corporate Office (Remote)
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 a PowerShell CLI tool integrated with Microsoft Graph API to manage distribution lists of 10,000+ users, eliminating manual error and reducing annual workload significantly.
- Built Python-based log analysis frameworks in Rapid7 using Pandas and NumPy, developing data pipelines and dynamic visualizations to detect anomalous behavior and common vulnerability patterns.
- Created custom Python tools to analyze phishing simulation data from KnowBe4, transforming raw metrics into actionable insights that improved organizational compliance rates.
- Engineered certificate deployment tooling using CrowdStrike RTR and PowerShell, preventing service disruptions and saving substantial engineering hours through automated remediation.

Simple.biz Freelance Web Developer

Durham, NC (Remote)
August 2022 - May 2023

- Delivered production-grade web applications to paying clients, building CI/CD pipelines with automated build and deployment scripts that ensured consistent, secure releases.
- Integrated WCAG accessibility compliance checks into development workflows using Selenium, surfacing issues early and reducing user-reported defects.
- Conducted systematic cross-browser and cross-device compatibility testing with scripted automation, root-causing rendering discrepancies and reducing user-reported issues.

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 and LLM-based classification to detect phishing attacks; awarded Most Innovative Project at the 2024 Capstone Festival.

CERTIFICATIONS

AWS Certified Cloud Practitioner

January 2025