

# Amelie Koran

Frederick, Maryland | (301) 524-3578 | [webjedi@mac.com](mailto:webjedi@mac.com) | [www.linkedin.com/in/webjedi/](http://www.linkedin.com/in/webjedi/) | [webjedi.net](http://webjedi.net)

## SUMMARY

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Dynamic technology senior executive with extensive experience in cybersecurity, digital transformation, and enterprise architecture across both public and private sectors. Proven track record in managing complex projects and leading cross-functional teams to achieve strategic objectives. Recognized for thought leadership in digital security policy and software supply chain security, with significant contributions to national and international initiatives. Exceptional ability to engage and collaborate with diverse stakeholders, from government agencies to multinational corporations, driving innovations that enhance operational resilience and security. Passionate advocate for diversity in technology, leveraging an extensive professional network to foster inclusion and representation within the industry.

**Business Process Re-Engineering | Information Systems | Security Architecture  
Strategy Development | Modernization & Technology Innovation | Policy Analysis & Development  
Cybersecurity Incident Handling | Forensics and Analysis | Agile Frameworks | Digital Services**

## CAREER HIGHLIGHTS

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- Executed over \$40M budget to 99.97% efficiency and developed comprehensive proposals across organizational divisions to continue investment in new technologies and modernization, resulting in year-over-year increased portfolio growth, delivery, and comprehensive resource management activities.
- Bootstrapped numerous major initiatives across government and industry including US Digital Service (USDS), the President's Management Agenda for the Open Data Initiative, and U.S. Department of the Interior's first mobile technology strategy. Led 2014 revision to the Federal Information Security Management Act (FISMA) through agency clearance and approval at Office of Management and Budget (OMB) in the Executive Office of the President (EOP).

## EXPERIENCE

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WARNER BROTHERS DISCOVERY Silver Spring, Maryland  
**Senior Manager, Emerging Technology & AI Security / Head of Security Architecture** 2025-Present

- Lead the strategic roadmap for AI and emerging tech security aligned with enterprise digital transformation, cloud, and technology initiatives.
- Evaluate and pilot new technologies, architectures, and frameworks, and lead secure design reviews, threat modeling, and architectural assessments for new platforms and applications.
- Aligned emerging tech practices with privacy regulations, ethical AI principles, and regulatory expectations.
- Executed and improved the organization's policy exception technical review processes and ensured compliance for all business initiatives.

WALMART GLOBAL TECH Reston, Virginia  
**Director, Red Team (AI and Omnichannel)** 2024-2025

- Built the initial capability for internal and external offensive security operations for a global Fortune One company with highly technical and specialized resources focusing on omnichannel (e-commerce) and artificial intelligence technologies.
- Directed organizational utilization of artificial intelligence (AI), large language models (LLM), and omnichannel retail solutions in a secure fashion, providing reporting on operational and architectural changes necessary to address enterprise risk requirements.
- Developed management and organizational strategies for team success, mentoring, growth and hiring needs, outreach across operating divisions and business lines, and relevant KPIs, metrics and measures of success. Led evaluations for third-party partners of offensive security engagements and activities.

ATLANTIC COUNCIL Washington, D.C.  
**Non-Resident Senior Fellow** 2022-2025

- Drove national awareness and industry adoption of digital security best practices as a subject matter expert with the Cyber Statecraft Initiative, influencing policy around software supply chain security.
- Authored widely referenced analysis on Software Bills of Materials (SBOM), shaping adoption strategies across multiple sectors and contributing to regulatory conversations.
- Provided expert testimony before the U.S. House Committee on Science, Space, and Technology, directly informing federal decision-making on open-source software cybersecurity.
- Contributed to the OpenSSF “Software Security Mobilization Plan,” advancing cross-sector collaboration and driving actionable solutions to secure open-source ecosystems.

**ELECTRONIC ARTS (EA)**

Remote  
2021-2023

**Director, External Technology Relations**

- Led primary engagement with external cloud service providers, mobile technology and data partners on behalf of internal teams within studios, divisions, and subsidiaries including strategic alignment of applicable security and risk requirements and standards.
- Functioned as initial technical evaluator of new technologies and services with potential to match company’s needs and innovation strategy.
- Built, enhanced, and facilitated relationships with important third-party vendors and other parties while researching and advising on company’s technology decisions and priorities related to external technology partnerships.
- Evaluated external technology solutions to coalesce informed recommendations to game and technology teams and executives.
- Researched potential strategic industry technologies and distilled the beneficial and necessary qualities that match company’s strategic objectives.

**SPLUNK**

Remote  
2019-2021

**Senior Technology Advocate (Global)**

- Led executive- and senior-level communication and engagement for diverse markets and industry segments regarding DevOps / DevSecOps practices, technology and security transformation, modernization, data governance, and management for current and prospective customers.
- Advocacy roles for in-person events, online and print media, and strategic engagements with internal and external groups to counsel on best practices, future capabilities, and community and customer outreach.

**U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES - OFFICE OF INSPECTOR GENERAL**  
**Chief Technology Officer**

Washington, D.C.  
2018-2019

- Managed the analysis and digital transformation and continuous improvement of various business processes to support HHS OIG mission activities and strategic priorities, including business process reengineering and resource management techniques.
- Led the introduction of new cloud services platform, and development of “first of its kind” services within government, including human resource processing and investigative support solutions.

**U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES - OFFICE OF INSPECTOR GENERAL**  
**Deputy Chief Information Officer**

Washington, D.C.  
2017-2019

- Supported CIO as lead for enterprise program management office, chief enterprise architect, and general staff lead for budget, human resources, hiring, succession planning, capital planning and investment, governance, and departmental strategy.
- Established program management capability and aligned OIG component office priorities with OIT multi-year strategy to enable transparency and accountability for investments and customer deliverables.
- Defined and executed IT strategies and policies in close partnership with agency leadership and stakeholders, significantly enhancing operational efficiency, communications and alignment of systems with mission-critical business needs.

**ADDITIONAL EXPERIENCE**

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U.S. DEPARTMENT OF THE TREASURY, Vienna, Virginia, Manager – Security Services 2015-2017. Supervised security architecture strategic innovation and shared services across the agency and operating divisions. Managed DHS-

sponsored continuous diagnostics and mitigation (CDM) projects through direction of federal and contract staff. Directed risk-based security initiatives and provided strategic guidance to the Office of the CIO, aligning cybersecurity investments with operational goals to drive maximizing protection and cost efficiency across agency programs and operations. Recommended additional development of threat models, security operations, mitigating controls, and incident response strategies and processes across the Agency.

THE WALT DISNEY COMPANY, Glendale, California, **Senior Architect - Architecture and Technology Strategy**, 2014-2015. Partnered with team of principal architects to define, communicate, and drive adoption of innovative technical and architectural strategies, focused on company's future of technology and security. Acted as primary liaison between enterprise architecture team and cross-functional teams responsible for architecture domains and technical strategies. Analyzed and evaluated market trends, technology innovation, and methodology advancements, determining impact on technical ecosystem. Onboarded and measured effect of changes. Managed change driving activities that increased technology performance / availability, reduced time to market and complexity, and optimized revenue.

EXECUTIVE OFFICE OF THE PRESIDENT, Washington D.C., **IT Policy Analyst (Office of Management and Budget)**, 2014. Served on the President's Management Council Interagency Rotation Fellowship to review and provide analysis of Federal E-Government policy and portfolio management. Researched and developed support materials on legislative proposals and testimony for conformance with the President's policy agenda. Drafted responses to press inquiries, speeches, and testimony by leadership. Acted as subject matter expert on information technology policy areas in support of Federal Cross-Agency Priority (CAP) Goals, Comprehensive National Cybersecurity Initiative (CNCI), Digital Government Strategy, and the Fiscal Year 2015 President's Budget.

U.S. DEPARTMENT OF THE INTERIOR, Washington, D.C., **Chief Enterprise Security Architect**, 2010-2014. Served as lead technical advisor to the Office of the Chief Information Officer (OCIO) and other Agency divisions on service and technology planning, development, construction, and implementation of security controls, techniques, and policies. Provided technical security evaluations of new, innovative and exploratory technologies, including guiding development of security technical implementation guidance (STIG) and associated policies. Developed performance plans and roadmaps for team professional development. Worked with cross-governmental teams and working groups on various standards, guidance, and initiatives related to the information security domain.

## EDUCATION

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CARNEGIE MELLON UNIVERSITY, Pittsburgh, Pennsylvania  
**B.S., Social and Decision Sciences, Minors in Engineering Studies, Information and Decision Systems**

## PRESENTATIONS

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**Keynote:** WiCyS (2025), CircleCityCon (2022), USENIX LISA (2021), InfoSec World (2018), AllDayDevOps (2018)

**Speaker:** ShmooCon (2025, 2019), INTEROP (2020), DevOpsWorld (2020), BSides NoVA (2018)

**Moderator:** BSides Charm (2022), ShmooCon (2020), DEFCON 28 (2020)

**Panelist:** Linux Foundation Open Source Summit North America (2022), DEFCON 29 (2021), New York State Cyber Security Conference (2018), DEFCON 25 (2017), AWS re:Invent (2017), BSides DC (2014)

**Judge:** Mid-Atlantic Collegiate Cybersecurity Defense Competition (2023-2024)

## AFFILIATIONS

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*Goon, DEF CON*

*CFP Review Board Member, BSides DC*

*CFP Review Board Member, BSides NoVA*

*CFP Review Board Member, The Diana Initiative*

*CFP Review Board Member, The Grace Hopper Conference*

*Board Member Emeritus, The Open Organisation of Lockpickers (TOOOL) US*

## AWARDS

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*Out in National Security Leadership List, New America, 2020*

*Top Women in Cybersecurity, CyberScoop, 2017*