DWAN EDWARDS

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MBA: IT Management | SEC+ & CEH | US Citizen | Alexandria, VA/Remote-Ready Option

STRATEGIC GRC ANALYST/ QUANTITATIVE RISK ASSOCIATE

PROFESSIONAL SUMMARY

High-impact Strategic GRC & Management Consultant with an MBA in IT Management and 15+ years of cross-functional leadership bridging cybersecurity rigor with C-Suite operational strategy. Transitioning expertise toward Quantitative Risk Analysis, leveraging statistical programming, Monte Carlo modeling, and SIEM data aggregation to replace subjective qualitative scoring with defensible financial risk forecasting. Expert at C-Suite synthesis and executive reporting, with a proven track record of managing technical ecosystems for 30,000+ users and implementing complex NIST, FERPA, and ITAR frameworks. An intellectually curious strategist skilled at structuring ambiguous challenges into data-driven solutions that translate technical requirements into actionable business ROI.

CORE COMPETENCIES

- **Strategic GRC & Governance:** NIST 800-53/FERPA/ITAR, IAM & Vulnerability Mgmt, Operational Scaling (30K+ Users)
- **Executive Leadership:** C-Suite Synthesis & Reporting, Cross-Functional Consensus, Stakeholder Discovery & ROI
- **Risk Analytics & Support:** Quantitative Risk (ALE/TCO), ServiceNow & SQL Analytics, Agile GRC & Workflow Design
- **Technical & Security Operations:** Python, SIEM/XDR Engineering (Wazuh Threat Telemetry) Agile GRC Workflow Design

FEATURED PROJECTS

Enterprise GRC Quantitative Risk Engine (Python, Monte Carlo, SIEM Integration)

- Engineered a data-driven quantitative risk engine using Python to replace traditional, subjective "Red/Yellow/Green" matrices with defensible financial exposure forecasting models.
- Configured an operational Wazuh SIEM/XDR pipeline to aggregate real-time alert logs and system endpoint telemetry, utilizing empirical system threats to derive statistical inputs for Loss Event Frequency (LEF).
- Programmed an interactive mathematical simulator executing 10,000+ Monte Carlo iterations based on Poisson and Log-Normal distributions to output definitive Value at Risk (VaR) matrices and Average Expected Loss equations.
- Built and launched a public-facing dark-themed web portfolio utilizing HTML5 video components, embedded streaming media layout code, and real-world system telemetry visualization assets.

EDUCATION & CERTIFICATIONS

Western Governors University | Feb 2026
MBA, IT Management

University of Kentucky | Dec 2004
Bachelor of Arts, Sociology, Education

Certified Ethical Hacker (CEH): EC-Council (2022) | Passed Dec 2022 (Renewal in Progress)

CompTIA Security+ ce: CompTIA (2022) | Active June 2022

CONSULTING PROJECTS & STRATEGIC LEADERSHIP

Boston Consulting Group (BCG) April 2026
Integrated Consulting Group Job Simulation

- Conducted in-depth market research of rival telecom firms to evaluate the feasibility of a handset leasing hypothesis for a client facing profit decline.
- Analyzed real-world business data and competitor performance to build a profitability model in Excel, predicting the long-term impact of proposed solutions.
- Designed a targeted customer survey to gather qualitative data, interpreting findings to develop evidence-based strategic pricing recommendations.
- Synthesized complex analytical findings into a clear, structured summary for stakeholder presentation, simulating top-tier consultant delivery.

Oliver Wyman March 2026
Integrated Consulting Group Job Simulation

- Dissected complex operational and financial telemetry for a global insurance client to identify root causes of underperformance.
- Partnered with cross-functional teams to build an executive-facing dashboard, translating ambiguous data into a clear narrative for C-suite decision-making.
- Acted independently to develop strategic hypotheses that guided digital transformation roadmaps.

Western Governors University Feb 2026

MBA Capstone: IT Strategic Management

- Directed a 6-quarter global business simulation, scaling operations into 4 international markets while maintaining top-tier market share and fiscal sustainability.
- Used data, facts, and logical reasoning to manage $2.5M in venture funding, balancing aggressive R&D with risk mitigation.

PROFESSIONAL EXPERIENCE

Ball Aerospace 2020 - 2021

*Helpdesk/Deskside IT Specialist (*Secure Environment*)*

- Reduced attack surface by 40% through the automation of critical vulnerability patching within a secure ITAR-compliant aerospace environment.
- Hardened IAM protocols by redesigning Active Directory structures and enforcing Least Privilege, decreasing unauthorized access flags by 40% enterprise-wide.
- Utilized ServiceNow analytics to resolve 40% of recurring security issues, ensuring 100% compliance with federal security baselines.

Fayette County Public Schools 2018 - 2020

Instructional Tech Lead

- Orchestrated district-wide digital migrations for 30,000+ stakeholders, managing the end-to-end lifecycle of platform deployments (Blackboard, SMART) with zero downtime.
- Improved reporting accuracy by 25% by auditing comprehensive system logs and behavioral data to ensure 100% regulatory compliance with state privacy standards.
- Managed district-wide operations for high-volume classroom environments, quickly adapting to ambiguous operational needs with zero lead time.

Arlington Public Schools 2006 - 2017

*Instructional Tech Specialist (*Governance & Policy*)*

- Spearheaded the operational scaling of technical training for 27,000+ stakeholders, overseeing a 42% increase in user enrollment and system utilization over a 3-year period.
- Directed 12+ administrative lead functions through enterprise modernization initiatives, bridging technical requirements with C-Suite organizational goals.
- Drove a 50% increase in secure system utilization by aligning large-scale IT initiatives with stringent data privacy standards and creating enterprise-wide SOPs.

Foundational Experience

University of Kentucky (College of Medicine) 1999 - 2003

Computer Systems Analyst

- Spearheaded a rapid, cross-functional project to deploy interactive software, redesigning system workflows to improve operational efficiency and departmental productivity.
- Maintained an 80% troubleshooting success rate for the College of Medicine and reduced critical system downtime by 10% through standardized maintenance.