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### donald j. lane

##### Information Systems Security – (INFOSEC) Specialist

**Cyber Security Auditor | Information Security Management | Information Systems Security Engineering | Artificial Intelligence Engineer | Data Scientist**

Expert of innovative Cyber Security solutions consistent with agile development processes, and management of high-performance cost IT solutions that includes executive level capital budget responsibilities.

Experienced at integrating complex systems at the enterprise level providing highly effective data communications, information technology and data center operations.

Exceptional strengths in leading entire project or system lifecycles from development including policies/methodologies required to optimize operational efficiency. Able to make rapid assessments, quickly revise tactics to ensure progress toward goals.

# Critical Competencies

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| * Security Certification/Documentation * Audit of Security Controls * Strategic Planning & Analysis * IAM Level II DoD 8140.01 * *Top Secret Clearance issued 2018* | * Cyber Security Consultative Expert * Risk Analysis/Management * New Business Development * System/Network Configuration | * Performance Management * Stakeholder Relationship * Project Ownership/Management * Vulnerability Management Tools * Expert presentation Skills |

# Professional Experience

**Department of Defense (KBRWyle),** Charleston, SC, 2017-Present

***Primary Responsibilities: Senior Cyber Security Analyst, Lead Artificial Intelligence Engineer and Data Scientist***

***Secondary Responsibilities: Project Management, Innovation Lead***

* KBR A.I. Lead Artificial Intelligence Engineer and Data Scientist (Engineering Business Unit)
* KBR A.I. Center of Excellence Board Director
* Cyber Security Solutions Data Engineer for Industrial Control Systems. (Brought together stake holders that included ELT - CEO KBR/KBRwyle, IBM Watson, KBR Global Market Director, KBR Technology Division to propose new Cyber Intelligence and A.I. Solutions for Industrial Control Systems.)
* Innovation Lead for A.I. Solutions (White Papers/Published Author).
* Guest Speaker for (ITEA) International Test and Evaluation symposium 2018 (A.I., Quantum Computing, Machine Learning impacts and bringing together for Cyber Security T & E)
* Provisional patent pending submitted to U.S. Navy for Cyber Security/Bio-Polymer Circuit Card Design (BCAC), (Listed as Inventor) Navy Case No. 200452.
* Senior Cyber Security Analyst - Conduct risk analysis and evaluating software security control measures in accordance with the FISMA, DoD Risk Management Framework (RMF) and DoD acquisition guidelines. Using MacAfee ACAS, Nessus.
* Conduct Security Assessments for software implementations across all business units (ISO27001, NIST 800-271).
* Engineering lead for conducting cyber security Investigations and reviewing software agile development and hardware; architectural change recommendations for Enterprise systems and solutions.
* Navy Qualified Validator for Command Naval Installations Enterprise Networks Globally.

**Department of Defense (Navy),** Crane, IN, 2015-2017

***Information Security Specialist 2210 NT-05***

* Senior Controls Auditor - Conduct risk analysis and evaluating software security control measures in accordance with the DoD Risk Management Framework (RMF) and DoD acquisition guidelines. Using MacAfee ACAS, Nessus.
* Conduct Security Assessments for software implementations across all business units (ISO27001, NIST 800-271).
* Engineering lead for conducting cyber security Investigations and reviewing software agile development and hardware; architectural change recommendations for Information and Tactical systems.
* Conducted Vulnerability/Penetration Assessments. Using Nessus, MacAfee ACAS, Tripwire, COTF.
* Directly in Charge of maintaining relationships with multiple external agency customers +150,000 (United States Navy)
* Threat and Vulnerability Management (TVM) of classified and unclassified networks and workstations assigned to research and development labs using the following tools for monitoring which include Nessus, MacAfee ACAS, and CISCO IronPort.
* Install and maintain VMware ESX, NSX environments for research and development labs which include multiple USN application customers. (+ 4 sites, +100,000 users).

**Department of Defense (Navy),** Crane, IN, 2014-2015

***Information Security Specialist 2210 NT-05***

* Lead Information Systems Security Engineer for Systems Software Department and as a Systems Developer Quality/Tester for Tactical System Software.
* Conduct risk analysis and evaluating software security control measures in accordance with the DoD Risk Management Framework (RMF) and acquisition guidelines.
* Lead Auditor for conducting Cyber Security investigations.
* Lead Cyber Security engineer reviewing software and hardware recommending architectural change recommendations to secure Information systems utilizing agile development methodologies.
* Strategically coordinated as a Federal Information Security Act (FISMA) and Manager for registering software hosted on multiple platforms (Ship, Data Center) environments.

**Department of Defense (Navy),** Crane, IN, 2007-2014

***Information Security Specialist 2210 NT-05 (Federal Employee)***

***Information Assurance Analyst III (Federal Contractor)***

* Served as Software Support Activity Department, Distance Support Program, and Joint Special Mission’s Senior Risk Analyst/Team Lead for planning, tracking and executing security documentation. (Systems Security Plans, Contingency Plans, Disaster Recover Plans).
* Lead Security Engineer for designing PII data solutions which include tactical systems and multi-tier software applications.
* Lead coordinator for PII registration and auditing of assigned PII controls for 27 Navy applications, +150,000 assigned users.
* Advisor and consultant to Program Managers for Implementing DoD Policy and regulations following the United States in accordance with CNSSI Federal Standards and Information Systems Risk Management Frame Work.
* In the capacity of Senior Security Certification and Accreditation Project Manager, collaborated across organization boundaries delivering a shared outcome.
* Conducted project management planning (PMP) and oversaw Security Policy execution for Distance Support and Special Mission’s (WXQR) Information Systems (IS).
* Established ERP system providing overall scope project tasking and establishing a metric baseline to project resources in keeping with Net centricity to support the War-fighter.
* Lead Information Systems Security Engineer working with personnel across multiple commands including PMW- 240, DON CIO, NETWARCOM, NAVSEA, NSWC Crane and PEO SPAWAR. Upfront systemic thinking process while interviewing the NIAPS Stake Holder, reviewing and assessing the NIAPS deliverables, assessing the current DIACAP deliverables against DIACAP requirements and then determining impact/cause effect of action and inaction.
* Serve as a single point of contact, planner and coordinator for the security testing of 9 Information Systems sufficient personnel resources and technical capabilities to meet test plan requirements. Provided liaison and coordination between SPAWAR and Distance Support to identify and resolve security issues discovered during testing.

***Prior work history includes:***

*10/1999 to 05/2005 United States Navy; Information Technology Specialist, Pearl Harbor Hawaii*

# Education

**(MIT) Massachusetts Institute of Technology – Quantum Computing Basics and Quantum Data Strategy Course (Planned Enrollment June 2019)**

**(Udacity) Artificial Intelligence and Deep Learning Program 2018 - (Currently Enrolled)**

**(MIT) Massachusetts Institute of Technology CSAIL/(MIT) Sloan Business – Artificial Intelligence: Implications for Business Strategy – Executive Series Program** - 2018

**Defense Acquisition University (DAU) Business CLE Courses, (Online ) –** 2014 – 2017

**Defense Acquisition University (DAU)**: Level III DAWIA (Information Technology Management); Huntsville, AL 2014

**NSA Senior Risk Analyst/Committee on National Security Systems Instruction CNNSI 4016**; Macon GA; 2011

**Techsystems:** Certified Information Systems Security Professional; Indianapolis, IN 2008

**IVEY Tech;** (Computer Science); Bloomington, IN, 1996-1998

**Navy Information Technology Specialist “A” school** – 1999

**Navy Radioman “A” School -** 1999  
**Naval Aerospace Medical Institute**;(Aerospace Medicine/Physical Sciences) Pensacola, FL; 1993 -1995

**Navy Fleet Marine Forces Warfare Medical Technician** - 1990

**Navy Hospital Corpsman “A” School** – 1990

# Certifications

* MIT (CSAIL)/SLOAN – Artificial Intelligence – Executive Series
* MIT SLOAN – Artificial Intelligence – Executive Series – Business Strategy
* LEAN SIX SIGMA; IASCC Certified Green Belt
* (DAU) Level III DAWIA (Information Technology Management)
* MacAfee ACAS System Administration
* Certified Information Systems Security Professional (CISSP)
* MCSE Microsoft Certified Professional
* Security +; CompTIA Solutions
* NSA –**CNSS 4011** Senior Information Systems Manager
* NSA –**CNSS 4012 Senior Systems** Certification Agent
* NSA – CNSS 4016 Risk Analyst
* Microsoft SharePoint Solutions/Administrator; Peach Tree Learning Courses
* Microsoft Windows NT Administrator; Microsoft Certified Professional
* DoD Advanced Network Information Security (ISA) U.S. Navy
* DoD U. S. Joint Defense Network Administrator
* DoD Air force Unix/Solaris Administrator
* DoD Information Technology Specialist
* DoD Global Satellite Command and Control Specialist
* DoD 8409 Aerospace Physiology Technician
* Naval Courses and Instructor; Department of Defense

# Honors

* Humanitarian Achievement Medal
* 2 Admiral Letters of Recognition
* 2 Letters of Recognition Department of Joint Special Missions (U.S. Navy, NAVSEA)
* Outstanding performance evaluation’s 1990-1995, 1999, 2000, 2002, 2007, 2008, 2009, and 2011 – 2013, 2018
* Navy Achievement Medal
* Meritorious Unit Commendation

# Skills

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| * Symantec Endpoint Security * IT Project Management (PMP) * SOX, PII, RMF, NIST Compliance Support * Microsoft Workstations 95 – Win 10 * VMware ESX, NSX * Active Directory and Structures * MacAfee and Endpoint TVM solutions | * Microsoft Workstations 95-Win 10 * Microsoft Servers NT 3.5 – 2012 R2 * MS Office Suites * Microsoft Exchange (Advanced) * Security and Availability Administration * Nessus Tenable |  |