

TRAVIS J. SMITH  
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SECRET Clearance  
VRA and Veteran's Preference Eligible

## SUMMARY

Military retiree, currently enrolled in Washington State's Veterans to Technology: Cloud Application Developer Certificate Program, completing in August 2024. Seeking IT opportunities near Olympia, WA and remote positions nationwide. Astute problem solver and highly adaptable operations professional. Experienced customer relations and support professional. Fast learner of technologies. Highly effective communicator, coordinator, and trainer.

## WORK EXPERIENCE

05/2024 - Present  
Full-Time Student, Cloud  
Application Development Certificate Program  
Saint Martin's University, Lacey, WA

### Program Description

- The Cloud Application Development program focuses on Python, SQL, T-SQL, Java, JavaScript/ASP.NET; data structures and algorithms, developing cloud solutions.
- Program curriculum includes:
  - CSC 160 Computing Technologies
  - CSC 210 Fundamentals of Databases
  - CSC 230 Introduction to Web Development
  - CSC 205 Application Programming Languages and Tools
  - CSC 395 AI-Assisted Analysis and Development
  - CSC 295 Introduction to Algorithms and Data Structures

5/2023 - 4/2024  
Post-Military Retirement Career Break  
Olympia, WA

12/2021 - 4/2023  
Air Surveillance Technician  
225th Air Defense Group (NORAD), WA ANG  
Joint Base Lewis-McChord, WA

### Duties and Responsibilities

- Managed air picture management operations within the CONUS AOR, in accordance with NORAD Instruction, with cooperation of U.S. Federal, DoD, and North American agencies supporting Operation NOBLE EAGLE.
- Supervised the detection, identification and tracking continuity of unknown airborne targets of interest, airspace violators, and FAA-reported aircraft.
- Principal Sector monitor of the FAA Defense Emergency Network and ensured immediate Mission Crew awareness of DEN-reported in-flight emergencies and FAA requests for military assistance.
- Ensured Mission Crew awareness of 7700, 7600, and 7500 Mode 3 transmissions within the AOR.
- Formulated timely tactical action game-plans and contingencies together with Mission Crew Commander and Weapons Director IAW NORAD Instructions and TTPs.
- Provided immediate and fluid problem analysis and solutions to Mission Crew Commander; directed the timely acquisition of relevant information from the FAA, Air Route Traffic Control Centers, Air and Marine Operations, and other civil and military air domain partners.
- Delivered real-time event information into USNORTHCOM's Air Event Information Sharing Service and provided time-sensitive exchange of decision support & air track data for U.S. Federal, DoD, and North American national agencies supporting Operation NOBLE EAGLE.
- Coordinated with, advised and supported relevant local authorities, pertaining to in-flight emergency response and recovery.
- Utilized Mission Voice Platform; participated on up to seven spatially separated channels, selected from 150+ geographically separated LOS communication sites, SATCOM radios, and telephone database; performed radio communication IAW with AFTTP 3-1 Attachment 1.
- Monitored the operation of 150+ FAA radars and military sensors; used RADES Software 4 and Battle Control System-Fixed to analyze performance, reported sensor issues to Mission Crew.
- Coordinated radar and sensor maintenance with COM Focal Point, via NORAD-NORTHCOM Maintenance Advanced Reporting Suite; monitored maintenance statuses, mitigated adverse impact to operations; requested, coordinated, tasked, and integrated airborne surveillance assets.
- Responsible for the Western Air Defense Sector's BCS-F operating configuration; created and updated area overlays, doctrine statements, operating filters, and thresholds.
- Maintained up-to-date understanding of operational Directives, Instructions, Special Instructions, Doctrine, TTPs, and daily Intelligence reports.
- Reviewed daily flying schedule and training requests from 552 Air Operations Wing, approved training requests, allocated trainers, and supervised training missions.

- Reviewed mission documents, LOIs, and FAA NOTAMs daily; reviewed operational staffing, updated mission briefings, assigned personnel, created overlays, verified existing overlays, and ensured overlay availability on all mission systems.

### **Notable Accomplishments**

- ★ Sector Expansion Operations
  - Assumed Sector responsibility of air surveillance operations for all of CONUS five times in two years.
  - Regularly assumed responsibility of air surveillance operations for the National Capitol Region and POTUS National Security Special Events.
- ★ 2022 Ninth Annual Summit of the Americas
  - Led air surveillance operations, interdicted six airspace violators, ensured protection of event and POTUS.

2/2018 - 11/2021

Interface Control Technician

225th Air Defense Group (NORAD), WA ANG

Joint Base Lewis-McChord, WA

### **Duties and Responsibilities**

- Managed Sector data link operations and fulfilled the tactical data link information exchange requirements of NORAD, U.S. Federal, DoD, and North American national agencies supporting Operation NOBLE EAGLE.
- Configured, operated, and managed the following local and remote data link systems:
 

○ Gateway Manager	○ Mission Voice Platform
○ Joint Range Extension	○ vIPer Universal Secure Phone
○ Pocket-J, Remote Terminals	○ OMNI Secure Terminal Equipment
○ Air Defense System Integrator	○ KG-40A/40X
○ Global Command & Control System	○ KG-250
○ Battle Control System – Fixed	○ KG-84A
○ EPLRS/SADL	○ PSC-5D
○ LVT-II MIDS	○ PRC-117F
○ MX-512PV	○ PRC-117G
- Employed satellite, serial, and internet protocol connection mediums to execute Link 16 and Link 11 operations and integrations with ground-based and airborne data link participants: IAW NORAD Instruction, Special Instructions, CJCSM 3115.03 Joint Data Link Operations, CJCSM 6120.01 Joint Multi-Tactical Data Link. Operating Procedures, OPTASKLINK, and established TTPs.
- Monitored operation of data links; conducted real-time analysis, timely diagnosis, and repair utilizing understanding of connection mediums, network architecture, network relationships, data encryption methods, and tactical data link message formats.

- Utilized Mission Voice Platform; participated on up to seven spatially separated channels, selected from 150+ geographically separated line-of-sight communication sites, SATCOM radios, and telephone database; performed radio communication IAW with AFTTP 3-1 Attachment 1.
- Coordinated equipment maintenance with internal and external support activities across CONUS; made network architecture changes as necessary, advised Mission Crew of impacts to mission.
- Maintained up-to-date understanding of operational Directives, Instructions, Special Instructions, Doctrine, TTPs, and daily Intelligence reports.
- Reviewed daily flying schedule and tactical data link integration requests from 552 Air Operations Wing; evaluated and approved integration requests, coordinated and executed tactical data link integration with airborne platforms for training and real-world operations.
- Reviewed mission documents, Letters of Instruction, FAA NOTAMs and updated daily briefings.
- Participated in tactical data link equipment testing, evaluations, verifications, and training material updates to enhance operational capabilities and operator proficiency.

#### **Notable Accomplishments**

- ★ Northrop Grumman – Gateway Manager v3.2.5
  - Contributed under the direction of Torch Technologies' project management.
  - Executed 80 hours software verification and reported deficiencies.
  - Verified 310-page technical manual, delivered 522 manual corrections
- ★ Booz Allen Hamilton – Pocket J 3.0 Upgrade
  - Evaluated real-world operation for four months, leading to full operational implementation.
- ★ Sector Expansion Operations
  - Assumed Sector responsibility for entirety of CONUS tactical network architecture and remote equipment four times in just over three years.
  - Regularly assumed Sector responsibility for National Capitol Region (Washington D.C.) and/or POTUS National Security Special Event tactical network architecture and remote equipment.

10/2015 - 01/2018

Tracking Technician

225th Air Defense Group (NORAD), WA ANG

Joint Base Lewis-McChord, WA

#### **Duties and Responsibilities**

- Performed threat detection, early warning, and deterrence in defense of CONUS airspace.
- Conducted initial analysis of anomalous radar returns, detection of unknown airborne aircraft, monitoring of flight restricted airspaces, and initial reporting of sovereign CONUS airspace and restricted airspace violators according to NORAD instruction, Air Force instruction, and TTPs.

- Reported radar anomalies, detections, and air space violators to the supervising Air Surveillance Technician.
- Performed validation and air track maintenance utilizing Battle Control System - Fixed; applied procedural identification procedures IAW NORAD Instruction 10-15, maintained symbology, and identification continuity until conclusion of each reported event.
- Received mission assignments from the Air Surveillance Technician, both real-world and training, including airborne surveillance platform integrations and airborne surveillance crew training.
- Executed training missions supporting airborne surveillance crews and initial entry flight crew members of the 552 Air Operations Wing.
- Utilized Mission Voice Platform, participated on up to seven spatially separated channels, selected from 150+ geographically separated LOS communication sites, SATCOM radios, and telephone database; performed radio communication IAW with AFTTP 3-1 Attachment 1.
- Maintained up-to-date understanding of operational Directives, Instructions, Special Instructions, Doctrine, TTPs, and daily Intelligence reports.
- Reviewed mission documents, LOIs, and FAA NOTAMs, and attended mission briefings daily.

#### **Notable Accomplishment**

- ★ Trident Systems Inc - Enhanced Regional Situational Awareness System v5.0
  - Performed software testing, evaluated bug fixes and validated software improvements.
  - Delivered higher fidelity visual and early warning system for the protection of the National Capitol Region.

11/2012 - 01/2015

Senior Electronics Maintenance Manager

13th Combat Sustainment Support Battalion, US Army

Fort Lewis, WA

#### **Duties and Responsibilities**

- Managed maintenance support for I Corps and Joint Base Lewis-McChord tenant units:
  - Night vision devices and optics
  - Thermal devices and optics
  - Tactical radio systems
  - GPS receivers
  - Vehicular Command and Control systems
- Assigned maintenance tasks to technicians, managed equipment service schedules IAW Army maintenance publications, managed maintenance deadlines, and managed repair parts inventory.
- Kept accountability of work-ordered equipment, diagnostics equipment, tools, and parts inventory.

#### **Notable Accomplishment**

- ★ Army Chief of Staff/G4 - Campaign on Property Accountability

- Provided technical subject matter expertise for DoD equipment redistribution initiative.
- Advised one division, seven brigades and a dozen tenant organizations.
- Facilitated equipment evaluations of over 13,700 devices.
- Achieved equipment turn-in value over \$1.5 million.
- Achieved equipment redistribution value over \$24.9 million.

02/2011 - 10/2012

Electronics and Weapons Maintenance Director  
2nd Battalion 28th Infantry Regiment, US Army  
Grafenwoehr, Germany

### **Duties and Responsibilities**

- Directed maintenance activities for the 2nd Battalion 28th Infantry Regiment supporting:
  - Vehicular Command and Control systems
  - GPS receivers
  - Tactical radio systems
  - Night vision devices and optics
  - Thermal devices and optics
  - Thermal/Night vision hybrid devices
  - Artillery weapon systems
  - Mortar weapon systems
  - Missile launch systems
  - Crew-served weapon systems
  - Light machine gun systems
  - Carbine and pistol weapon systems
- Assigned maintenance tasks and direct support missions, directed service schedules IAW Army maintenance publications, created and updated reports, ensured maintenance deadlines, sustained repair parts inventory and fostered positive mission-focused relationships with supported units.
- Ensured accountability of work-ordered equipment, diagnostics equipment, tools, and parts.

### **Notable Accomplishment**

- ★ Hand-selected for assignment.
- ★ Staffed, cross-trained, and directed a multi-discipline direct support team that maintained six geographically separated combat teams during Afghanistan operations, June 2011 to May 2012.

## **EDUCATION**

August 2024 (Projected)  
Cloud Application Development Certificate Program  
Saint Martin's University

May 2023  
Associates of Applied Science: Air and Space Technology  
Community College of the Air Force

## **CERTIFICATIONS**

Certified ScrumMaster, Scrum Alliance, 2020

## **ADDITIONAL TRAINING**

Joint Multi-platform Advanced Combat Identification System, 2021  
Air Surveillance Technician, 2021  
Lean Six Sigma Fundamentals, 2020  
7 Habits of Highly Effective People Facilitator, 2020  
1BB: Multi-TDL Advanced Joint Interoperability Technician, 2019  
Multi-TDL Advanced Joint Interoperability Course, 2019  
Air Defense Systems Integrator (ULTRA Electronics), 2019  
Joint Tactical Information Distribution System 101 / Link 16 Joint Interoperability Course, 2018  
Joint Interface Control Technician, 2018  
Enhanced Regional Situational Awareness Operator, 2017  
Command and Control Emergency Action Coordinator, 2017  
Self-Aid Buddy Care Instructor, 2016  
Tracking Technician, 2015  
Personnel Recovery, 2014  
Risk Management, 2014  
Intro to Ammunition, 2013  
Technical Transportation of Hazardous Material Certification, 2013  
Electronic Maintenance Advanced, 2010  
SNAP V-Sat Operator, 2010  
Long-Range Marksmanship (M4A1 with M150 optics), 2008  
Electronic Devices Repairer, 2007  
Telecommunications Terminal Device Repairer / Computer Systems, 1999