Daniel Anderson
Western North Carolina | (828-371-1639) | (danielspostoffice@gmail.com) | linkedin.com/in/daniel-anderson-a00151386 | x.com/EsseQuale | Active TS Navy Veteran | METOC Specialist | AI Reasoning & Prompt Engineer | SE Bootcamp Graduate (March, 2026)

TS/SCI-Cleared Navy METOC Veteran | Operational Forecasting for High-Stakes Missions | Transitioning to Cleared Roles at SpaceX or xAI

Navy Aerographer's Mate (AG) veteran with three intensive tours at Fleet Weather Center Norfolk, Special Boat Team 22, and Commander, U.S. Naval Forces Central Command (COMUSNAVCENT). Delivered 36 months of direct special operations forces (SOF) support and 37 months in Middle East high-risk AORs, providing expeditionary meteorological and oceanographic (METOC) forecasting where environmental intelligence directly influenced mission success, asset safety, and human lives.

Expert in aviation forecasting, oceanography, space weather impacts, electromagnetic (EM) propagation, and acoustic propagation—mastered through formal training at Center for Naval Aviation Technical Training Unit (Keesler AFB) and on-the-ground application supporting missions including MFF (Military Freefall), VBSS/HVBSS (Visit, Board, Search, Seizure/Helicopter), DA (Direct Action), UW (Unconventional Warfare), NEO (Non-Combatant Evacuation), CSAR (Combat Search and Rescue), MIO (Maritime Interdiction), OTB (Over the Beach), and GOPLAT (Gas/Oil Platform) assaults.

Proven in integrating UUV (Unmanned Underwater Vehicle) data, VSW (Very Shallow Water) analysis, bottom search (BS) operations, and side-scan sonar imagery to characterize operating environments and recommend GO/NO-GO decisions. Excelled in numerical model evaluation, synoptic/marine/satellite meteorology, and briefing flag-level leadership (VADM COMUSNAVCENT) on safety-critical constraints—skills directly transferable to SpaceX launch/recovery operations (vessel/helo safety, strict environmental limits) or xAI's rigorous data-driven truth-seeking.

Natural systems savant: Thrive on turning complex models, chaotic datasets, and multi-source telemetry into actionable clarity. Instrumental in risk-vs-mission balances where "someone could die" without precise intel. High conscientiousness and openness (Big Five traits) drive detail-oriented excellence and lifelong learning.

Currently completing a 510-hour Noble Desktop Software Engineering certification (March 17, 2026), building advanced data processing skills for METOC telemetry and AI applications. Self-taught innovator eager to apply operational rigor, active TS/SCI clearance, and expeditionary mindset to cleared roles at SpaceX (e.g., meteorology/ops safety) or xAI (e.g., Earth science/AI tutoring).

Connect to discuss mission alignment. 🚀

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