

Ryan Pollitzer

Unmanned Systems Operator | Military Veteran |
TWIC | Passport

Contact

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- Pooler, GA
- [LinkedIn](#)

Education

(May 2026)
Associate of Science in Unmanned Systems
Pasco-Hernando State College
-New Port Richey, FL

Key Skills

- UAV/ROV operations
- ADM/CRM
- NAS flight ops
- EO/IR & multispectral/hyperspectral sensors
- RTK/GCP workflows
- GIS mapping & 2D/3D modeling (Pix4D, GlobalMapper, Propeller)
- ArduPlane/PX4/MAVLink/QGC
- Python & Arduino
- TS/SCI Clearance (inactive)

Certifications

- FAA Part 107 Remote Pilot Certificate (insured)
- Code Platoon – Full Stack Web Development Bootcamp
- PADI Advanced Open Water
- Advanced Electronics Improvised Device Disablement
- Certified SAFe® 6 Practitioner

Offshore Readiness (Entry-Level)
Willing to obtain immediately:
BOSIET / HUET / OGUK medical

Profile

Technically skilled EOD veteran with 20+ years of experience operating advanced robotic systems for remote operations, threat detection, and precision task execution. Demonstrated success leading large cross-functional teams in high-pressure global environments. Strengthens existing robotics expertise with two years of unmanned systems training in a collegiate unmanned systems program, gaining hands-on experience with ROV operation, mission planning, sensor integration, and field exercises modeled on real subsea and inspection-class tasks. Committed to applying strong operational discipline, technical proficiency, and problem-solving skills to ROV operations, offshore support, and subsea robotics roles.

Professional Experience

- Senior Explosive Ordnance Disposal Technician
United States Army | 2000–2023
 - Operated and supervised EOD robotic systems (TALON, PackBot, RONS) to remotely detect and neutralize explosive hazards in high-risk global environments
 - Led cross-functional teams of up to 140 personnel, ensuring safe, precise execution of complex technical missions
 - Coordinated with HQDA, FBI, and Department of State to strengthen interagency communication and decision-making
 - Managed the transition of three organizations and a 200-person forensic lab during Afghanistan withdrawal, protecting mission-critical continuity
 - Documented mission data and authored technical reports supporting evidence handling and operational decisions
- Unmanned Systems Technician (Student)
PHSC – UVSO Program | 2024–Present
 - Logged 30+ ROV hours (Fifish/QYSEA, Geneinno, Chasing) including checklists, tether management, maneuvering, and sensor-based inspection tasks
 - Logged 40+ UAV hours across fixed-wing, rotary, and hybrid systems (DJI, Parrot, Freefly, Teal, Inspired Flight) in RPIC, PMTC, VO, SO/PO, and Air Boss roles
 - Operated EO/IR, multispectral, hyperspectral, and RTK/GCP payloads; produced maps and 2D/3D models using Pix4D, Propeller, GlobalMapper, and LeoWorks
 - Applied ADM, CRM, and Part 107 procedures with structured, risk-managed checklists
 - Programmed/configured unmanned systems with ArduPilot, PX4, MAVLink/QGC, Python, and Arduino
 - Produced inspection-style documentation with DaVinci Resolve and Photoshop