

Julian O'Leary

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TECHNICAL SKILLS: Nuclear Submarine Officer with operational experience in the Indo-Pacific leading engineering and tactical teams in undersea missions. Strong background in Electronic Warfare (EW), Signals Intelligence (SIGINT), military communications, and naval combat systems.

PROFESSIONAL EXPERIENCE

Navy Nuclear Power Training Unit

Charleston, SC

Chemistry and Radiological Controls Officer

Sep 2023 - Present

- Trained over 1000 Sailors and Naval Officers annually in radiological controls and operations. Directly responsible for the radiological management and water chemistry of a land-based Naval Reactor.
- Led a team of 30 specialized Sailors and ran the organization's continual improvement program.

Nuclear Submarine Officer

Pearl Harbor, HI

Main Propulsion Assistant / Information Warfare Officer

Dec 2020 - Sep 2023

- Led a team of EW and communications specialists during a challenging, undersea deployment.
- Trained and certified a team of EW specialists on the operation of mission-specific communication and electronic support equipment. Developed new methods of SIGINT collection and analysis.
- Provided critical oversight as a Communication Security (COMSEC) Account Manager; responsible for the secure operation of submarine communication equipment throughout various deployed environments.
- Planned and executed complex submarine missions while deployed to the Indo-Pacific.
- As Engineering Officer of the Watch, led a 10 person team of nuclear operators through an Eastern Pacific deployment and Operational Reactor Safeguards Examination.
- As an Engineering Department Division Officer, led the Engineering Machinery Division through operational and maintenance periods to include at-sea and in-port testing.
- Graduate of the Naval Reactors Prospective Nuclear Engineering Officer School.

EDUCATION

Nuclear Power School / Nuclear Power Training Unit

Charleston, SC

Aug 2020

- Completed a rigorous six-month curriculum focused on the design and operation of a submarine nuclear reactor plant followed by six months of practical training in a nuclear submarine engine room.
- Graduated one month early and selected to return as an instructor in 2023.

University of Washington

Seattle, WA

Applied Physics

Jun 2019

- Explored low-cost alternatives to cosmic veto detectors in support of the [Majorana Experiment](#).
- Conducted atmospheric monitoring of radionuclides with [CENPA Lab](#) and [UC Berkeley](#).

ADDITIONAL

- **Security Clearance:** TS/SCI
- **Certifications:** COMSEC Account Manager, Nuclear Engineer Officer, FAA Private Pilot
- **Dual US/EU Citizen**, Working Proficiency in French