

# Nicholas Sieja

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## Summary

A dedicated leader with five years of proven experience in quality assurance, engineering management, training, and government acquisition programs. Experienced in translating executive level goals into achievable team tasks. Experienced in personnel and organizational development. Recognized for ability to use mature judgment to make high-impact, bias-conscious decisions under stress. Passionate about process improvement and team building. Currently active U.S. Top Secret / SCI security clearance.

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## Skills + Abilities

- Persuasive Leadership
- Program Management
- Quality Assurance and Control
- Process Improvement
- Maintenance and Inventory Management
- Critical Thinking and Decision Making
- Personnel and Organizational Development
- Communication and Interpersonal Skills
- Time Management and Prioritization
- Damage Control and Emergency Response
- Major Acquisition Program Processes
- Nuclear Propulsion Plant Operations and Maintenance
- Inventory Management Systems

## Professional Experience

### ***Undersea Mobility Technical Product Manager | NSWG-8 | 2023 - Current***

- Contributing technical member of multiple integrated product teams for design and delivery of critical undersea mobility capabilities to the Naval Special Warfare community.
- Primary drafter of baseline capability development document for next generation undersea mobility platform shelter. Followed regulations of the Joint Capabilities Integration and Development System and Special Operations Command (SOCOM) to capture combat diver and platform expert threshold and objective requirements for initial design and build assessments from engineering industry.

### ***Quality Assurance Officer | USS Hawaii | 2022-2023***

- Responsible for maintaining the quality of work performed by the submarine's crew, contractors, and vendors to ensure all maintenance or repairs met or exceeded US Navy standards. Applied lessons learned from major quality control disasters to train maintenance workers.
- Systematically reviewed all critical work on a fast attack submarine to ensure the \$2.8 billion war-fighting asset remained safely deployable.
- Conducted inspections and audits of the submarine's systems, components, and equipment to identify deficiencies and develop corrective action plans to address them.

### ***Vice Director of Engineering - Assistant Engineer Officer | USS Hawaii | 2022-2023***

- Nominated for Junior Officer of the year for superior performance of duties in this role.

- Directly supervised and mentored a team of 5 technical program managers, ensuring their technical and leadership development added value to the morale, training, and operations of the submarine crew and was in line with all policies and regulations associated with submarine and nuclear operations.
- Supervised department of more than 70 team members in the performance and documentation of over 25,000 preventative maintenance items and over 15,000 man-hours of work resulting in a 60% increase in accomplishment metrics.
- Oversaw the planning and execution of a departmental training program for more than 70 personnel. Used classroom style learning, interactive modeling, and hands-on training to highlight engineering principles, operations, emergency provisions, and lessons learned. This effort resulted in over 16,000 man-hours of intentional, focused training in the 14 months I was responsible.
- Ensured the successful completion of electric plant equipment upgrades. Specifically, coordinated the safe shifting of nuclear plant operations methods to facilitate de-energizing the electric plant for the replacement of all major power generation and conversion modules with new generation. Process completed on planned schedule and without incident.

### ***Operations Manager - Division Officer | USS Hawaii | 2020-2023***

- As the Main Propulsion Assistant (MPA), managed the operation and maintenance of the submarine's nuclear propulsion plant, ensuring it remained capable of meeting mission requirements.
- As the Damage Control Assistant (DCA), led the operation and maintenance of the submarine's auxiliary systems including air conditioning, ventilation, and hydraulic systems. Managed the ship's damage control efforts to prevent and combat fires, flooding, and other emergencies.
- As the DCA, created and improved upon casualty response plans for the submarine and drydock facility. Coordinated with the shipyard to conduct over 20 training exercises, each involving over 150 personnel. My casualty response plan was used in a \$3M, site-wide fire response assessment drill involving nearly 1000 personnel. A federal audit of the response revealed 0 major comments and 1 minor comment. Incorporated lessons learned to further improve casualty response for the submarine crew and 3 depot maintenance facilities.

## **Education + Training**

### ***Bachelor of Science, Biomedical Engineering | December 2018***

Duke University, Durham, NC

### ***Submarine Officer Training Pipeline | September 2020***

Naval Nuclear Power Training Command, Charleston, SC

Nuclear Power Training Unit, Charleston, SC

Submarine Officer Basic Course, Groton, CT

## **Certifications**

### ***Certification in Business Ethics | November 2023***

Cornell University Law School, Ithaca, NY (Remote)

Focus: Addressing dysfunctional ethical cultures + ethical reasoning in business and technology

### ***Project Management Professional | Expected: January 2024***

Project Management Institute (Remote)