



# Vincenzo R. DelVillano

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vincenzodelvillano.github.io 

## OVERVIEW

Proven Naval leader with strong initiative; decision-maker who guides teams through strong interpersonal skills. A generalist from multiple disciplines of study with the ability to apply knowledge across many fields; consistent outperforms others in the most challenging roles. Seeking an opportunity to leverage past managerial experience while applying knowledge gained through MBA and Business Analytics programs. Selected by the Navy in a highly competitive field among hundreds of candidates. Passion for science and change; always at the forefront of new technologies. Consistently ranked as the number one Junior Officer at every command assigned.

## KEY ACCOMPLISHMENTS:

- Developed policies, instructions, and training that allowed Naval Submarine School to safely remain open at 120% capacity to support the fleet through the COVID-19 crisis.
- Created individual periscope training application for iPhone and Android to supplement training during COVID-19 quarantine periods which would normally require time at-sea or a team training periscope; used by Naval Submarine School and the fleet
- Developed a radiation forecast strategy to minimize exposure during two Nuclear Instrument replacements and a Special Radio-Chemistry Sample

## EDUCATION

### M.S. Business Analytics

Indiana University

Class of 2023

### MBA

Indiana University

Class of 2022

### Nuclear Reactor Operation

Navy Power Training Unit

Class of 2016

### B.S. Physics

Michigan State University

Class of 2014

### B.S. Chemical Engineering

Michigan State University

Class of 2014

## TECH SKILLS

C#

Java

MATLAB

Mathematica

Python

R

## AWARDS

Prospective Nuclear Engineering  
Officer (PNEO) NAVSEA 08  
Admiral Coin Recipient

2018 USS TOLEDO (SSN 769)  
Junior Officer of the Year

2016 Academic Achievement  
Award – Nuclear Power Training  
Unit – Charleston

## PROFESSIONAL EXPERIENCE

### Deployment Training Pipeline Manager

US Navy | Groton, CT | OCT 2019 – CURRENT

- Responsible for training and certification of 300 sailors across five submarines to deploy
- Certified the training programs for SONAR, Fire Control, Electronic Warfare, Communications, Ship Control, and Navigation divisions to Naval standards
- Implemented data-driven debrief procedures to save over 2,500 man-hours annually
- Analyze fleet performance trends to provide recommendations to operational commanders and improve enlisted and officer pipeline training for fleet deficiencies
- Mentored 100+ prospective department heads annually in core submarine mission areas
- Improved the Pre-Deployment Training Program; evaluated as EXCEEDS STANDARDS from AT STANDARDS during last TYCOM Inspection within one year of turnover

### Assistant Operations Officer | Information Systems Security Manager

US Navy | Groton, CT | JUN 2018 – OCT 2019

- Managed maintenance strategy for 14 teams to ensure contingency plans for all critical tasks while minimizing cost and disturbance
- Developed and implemented operational strategies to support Naval information collection objectives
- Developed a data repository and instituted a data focused approach to enable quick analysis and implementation of operational retrospectives
- Established programs that ensured the certification of all submarine information systems
- Administered all Secret electronic media generated onboard as Security Manager
- Verified scans and patches were up to date to minimize system vulnerabilities
- Named the waterfront expert in Information System Security Management for both Submarine Squadron Four and Twelve; mentored ten other Information Systems Leaders within both squadrons

### Chemistry and Radiological Controls Assistant

US Navy | Groton, CT | OCT 2016 – JUN 2018

- Led team of six engineering technicians in the maintenance and operation of all chemistry and radiation monitoring equipment
- Responsible for maintaining nuclear reactor health on Nuclear Submarine; offset any imbalance through chemical intervention
- Root caused operational deviation from Navy Standard Procedures; Implemented corrective actions to mitigate potential risk vectors
- Supervised the radiation monitoring program to keep personnel exposure within safe limits established by the Nuclear Regulatory Commission

### Laboratory Technician Intern

Meritor | Troy, MI | JUN 2011 – AUG 2012

- Testing of supplier parts for modes of failure to ensure they meet quoted reliability
- Developed application using Weibull statistics to predict rates of failure in field