
DOMINICK ALEXANDER VASKE

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Education

Naval Nuclear Propulsion Program (NNPP) Training Pipeline, Charleston, SC November 2018 – April 2020
Certified in NNPP as top 20 student among approximately 100 peers
Granted “Personal Excellence Award” by peers to recognize singular student for professionalism and exceptional academics

University of Pennsylvania, Philadelphia, PA August 2014 – May 2018
Bachelor of Science in Systems Engineering; Minor in Mathematics
Cumulative GPA: 3.51/4.0, Cum Laude
Senior Design Project: Focused on engineering collapsible solar panel system integrated with a drone, enabling efficient on-station recharging capabilities

Naval Trainings and Certifications

- **D-SAACP Certified Advocate Level I**, *January 2024*, Recognized and entrusted as certified Victim Advocate within the Navy, offering support and guidance to individuals affected by sexual assault, following successful completion of specialized Navy course
- **Completion of Security Manager course**, *August 2023*, intensive course covering foundational aspects of security management, earned certification as Security Manager authorized to oversee and manage Top-Secret level information at any naval installation
- **Completion of Teaching in Higher Education course**, *July 2023*, graduate-level course to certify junior officers on how to teach Naval Science to college-level students
- **Completion of Prospective Nuclear Engineer Officer (PNEO) course**, *November 2021 – January 2022*, rigorous course on technical naval engineering culminating in qualification to serve as Engineer during submarine department head tours
- **Top Secret Level Clearance**, *August 2019*, Awarded Top Secret – Sensitive Compartmented Information (SCI) level clearance for performing missions related to national security aboard nuclear submarines

Awards

- **Two Navy Achievement Medals**, *2021 and 2023*, Celebrated for superior team-managing during deployment as Engineering Officer of the Watch, for overseeing critical engineering operations, for resolving conflicts as the deployment primary Contact Manager during missions, and for demonstrating exceptional leadership in high-pressure operational environments
- **Joint Service Achievement Award**, *October 2018*, Recognized for pioneering prototype endeavors at Air Force rapid prototyping shop and for fostering collaboration between Navy and Air Force units to push the boundaries of rapid prototyping in military applications

Work Experience

United States Merchant Marine Academy, Kings Point, NY July 2023 – Present
Instructor of Naval Science and Security Manager, 40 hours per week

- Design and deliver comprehensive but engaging lessons in naval science, cultivating the next generation of maritime leaders
- Contribute to Education and Leadership Committees, offering strategic insights and recommendations for continuous enhancement, as conveyed through reports to the Dean of Academic Affairs and Superintendent
- Orchestrate comprehensive security clearance program for entire student population of 1000 midshipmen, ensuring compliance with stringent security protocols
- Tutor and prepare students to successfully qualify and pass Nuclear Accessions Interview for entry into Submarine Force

United States Navy, Submarine Officer, Norfolk, VA May 2020 – June 2023
Officer of the Deck / Ship's Duty Officer, Rotating shift work at sea / 80 hours per week in port

- As Officer of the Deck (OOD), assumed responsibility as Captain's direct representative, overseeing safe operations and task execution while at sea for crew of 120 men
- Ensured daily safety of reactor plant while on watch
- Trusted to serve as OOD in mission waters during National Tasking, elevating from the role of Contact Manager into role typically reserved for department head officers in their second sea duty tour, showcasing exceptional leadership skills and trustworthiness
- Qualified Ship's Duty Officer, managing complex maintenance schedule when in port to ensure ship's operational schedule was met without delays

Assistant Weapons Officer, divisional role in parallel to listed operational roles above February 2022 – June 2023

- Oversaw three divisions encompassing approximately 50 personnel, ensuring optimal functioning and maintenance of critical Sonar, Fire Control, and Torpedo systems

- Direct hand in military weapons handling as well as ensuring quality assurance in controlled systems under cognizance of Weapons Department aboard ship
- Managed ship's Anti-Terrorism Program to ensure safety measures were in place and in compliance during in-port operations

Main Propulsion Assistant, divisional role in parallel to listed operational roles above

May 2020 – October 2021

- Led division of 10 mechanics in Machinery Division with responsibility for maintenance, testing, and safe operation of reactor plant's mechanical systems
- Negotiated and coordinated communications between division and off-hull entities to minimize work disruption
- Managed quality assurance for division, ensuring compliance with nuclear-controlled work in critical systems

Cape Canaveral Air Force Base, ATI-7, Cape Canaveral, FL

June 2018 – October 2018

Prototype Development Specialist, 40 hours per week

- Orchestrated and executed ocean-based testing operations, expertly maneuvering boats to facilitate rigorous prototype evaluations, ensuring accurate data collection and weather analysis "surfboard" project
- Leveraged training in operating various machinery equipment, including lathes and bandsaws, to meticulously craft materials for diverse prototypes, demonstrating precision and technical expertise
- Analyzed posttest research in drone flight patterns
- Applied data analysis to offer informed recommendations on refining and advancing prototype designs following unsuccessful test outcomes as regarded buoyancy sensor

Skills

Leadership and Team Management

- Led diverse teams across multiple roles, ensuring operational efficiency and safety

Mechanical Systems Technical Proficiency

- Commanded intricate mechanical systems aboard submarines, displaying sound engineering knowledge

Operational Oversight

- Managed complex maintenance schedules and served as Officer of the Deck, ensuring safe and efficient operations at sea
- Recognized by crew on two separate deployments as positive force in Wardroom (Officer's cohort) and frequently selected by crew to assist in preparing lower-ranking officers with their ship qualifications

Strategic Decision-Making

- Contributed strategic input to academic and leadership committees, actively shaping educational programs and leadership initiatives for dynamic learning environment and the development of future maritime leaders

Hobbies

- **Self-Study, Spanish & Python Programming:** Engaged in self-directed learning, improving proficiency in Spanish and acquiring skills in Python programming through online resources and courses on Coursera
- **Culinary Exploration:** Passionately explored and experimented with new recipes, specializing in creative and diverse chicken and rice-based dishes
- **Global Engagement, Travel, and Cultural Encounters:** Embraced love for travel, specifically encountering diverse cultures and communities during deployments, fostering deep appreciation for meeting individuals from various cultures
- **Member, RADD Crossfit, Glen Cove:** Dedicated to maintaining physical fitness and well-being through structured exercise