

Curriculum Vitae

JASON ORENDER

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Work History (Reverse Chronological Order)

- Research Intern, NASA (summer, 2018)
- Research Assistant, Old Dominion University, Norfolk, VA, 2 yr
- Assistant Reactor Officer, USS HARRY S TRUMAN (CVN 75). Norfolk, VA., 3 yrs.
- Executive Officer, USS MCCAMPBELL (DDG 85). Yokosuka, Japan, 2 yrs.
- Fleet Maintenance Officer, SEVENTH Fleet. Yokosuka, Japan, 1 yr.
- Chemistry and Radiological Controls Assistant, USS NIMITZ (CVN 68). San Diego, CA, 2 yrs.
- Combat Systems Officer, USS REUBEN JAMES (FFG 57). Pearl Harbor, HI, 2 yrs.
- Assistant Enlisted Nuclear Community Manager, OPNAV. Washington, DC, 2 yrs.
- Training Officer, USS FLETCHER (DD 992). Pearl Harbor, HI, 2 yrs.
- Reactor Department Division Officer, USS NIMITZ (CVN 68). Newport News, VA, 2 yrs.

Education & Training

University of Texas, Austin, TX (1989-1993)
BS Petroleum Engineering

George Mason University, Fairfax, VA (2001-2003)
Masters, Business Administration

Old Dominion University (2015-Current)
**Pursuing Masters/PhD Computer Science
(expected Masters completion Spring 2019)**

Personal Accomplishment Summary

Two decades of experience as a Naval Officer, delivering results as a Training Manager, Engineer and Instructor in a broad spectrum of leadership, technical management, training and engineering positions in the U.S. Navy. **Secret security clearance valid until 2021**. Continuous track record of having successfully led high performance teams and organizations ranging from just a few individuals to 400+ people. Currently pursuing a Master of Science in Computer Science overlapping with the pursuit of a Doctorate in the same discipline. An interest in High Performance Computing (HPC), machine learning, and cybersecurity has also developed in the pursuit of my studies.

Key Skills and Qualifications

- Secret Security Clearance
- GPU (CUDA/OpenCL) Programming
- Project Planning
- High C/C++ Proficiency
- Familiarity with Unix/Linux, OSX, and Windows OS.
- Python Proficiency
- Fortran Proficiency
- MS Office Suite Proficiency

Relevant Coursework

- CS 822 Machine Learning (in progress)
- Cs 895 Malware Analysis and Reverse Engineering (in progress)
- CS 665 Computer Architecture
- CS 580 Artificial Intelligence
- CS 725 Information Visualization
- CS 724 High Performance Computing
- CS 600 Advanced Algorithms and Data Structures
- CS 150/250 Problem Solving and Programming I/II
- CS 170/270 Computer Architecture I/II (Undergrad)
- CS 665 Computer Architecture (Grad)
- CS 252 Unix for Programmers
- CS 563 Cryptography for Cybersecurity
- CS 564 Networked Systems Security

- CS 545 Information Assurance
- CS 471 Operating Systems
- CS 330 Object Oriented Programming and Design
- CS 361 Advanced Data Structures and Algorithms
- CS 381 Introduction to Discrete Structures
- EM 306S Statics and Dynamics
- M 408C Differential and Integral Calculus
- M 408D Multivariate Calculus
- PHY303K/L Engineering Physics
- M340L Matrix Algebra
- M362K Probability and Statistics

Experience Highlights

Technical Leadership

- Led a 40+ person department in the maintenance and operation of all weapons, navigation, and information technology systems on a Perry Class Frigate (FFG) through one Arabian Gulf deployment and routine THIRD Fleet operations.
- Maintained proper chemistry and radiological controls for two nuclear reactors on a Nimitz class aircraft carrier as the Chemistry and Radiological Controls assistant, as well as administered and led a 35 person division.
- Managed the critical supply and repair needs of approximately 20 ships and squadrons as the SEVENTH Fleet (East Asia) Maintenance Officer, as well as provided daily status briefings to flag officers and staff. In addition, was assigned regular duty as the SEVENTH Fleet Battle Watch Captain, managing the day-to-day operations and deployment activities of all East Asia assets in real-time from the SEVENTH Fleet Battle Watch floor.

Organizational Leadership and Supervision

- Successfully managed the day-to-day activities of, and provided leadership for, a 300+ person crew as the Executive Officer assigned to a Guided Missile Destroyer (DDG) forward deployed to the SEVENTH Fleet area of operations (East Asia).
- Deputy Department head on the aircraft carrier USS HARRY S TRUMAN (CVN 75). Administered a 400 person department and safely and effectively operated two Naval Nuclear reactors, resulting in a perfect safety record and no unscheduled down time.