

# KEITH L. WILSON

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## EDUCATION

**University of Virginia Darden School of Business and School of Data Science** – Charlottesville, VA **May 2021**

*Candidate for Master of Business Administration - Full-Time MBA Program and Master of Science in Data Science*

- Gary T. and Elizabeth R. Jones Military Scholarship (merit-based, covering 50% tuition and required fees)
- Elected to executive board of Darden Military Association and Darden Data Science Club, Darden Energy Club member
- Inducted into The Raven Society, the oldest and most prestigious academic honorary society at the University of Virginia

**University of Missouri** – Columbia, MO **May 2011**

*Bachelor of Science in Economics, minors in Mathematics, Business Administration, and Naval Science, cum laude*

- Naval Reserve Officer Training Corps (NROTC) merit-based full scholarship, 3.79 GPA
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## EXPERIENCE

**Boston Consulting Group (BCG), Consultant**

**Summer Consulting Intern, Social Impact Program** – Washington, D.C.

**Summer 2020**

*Consultant for a non-profit that provides access to STEM education for youth from low-income families*

**United States Navy, Submarine Qualified Lieutenant**

**Submarine Launched Ballistic Missile (SLBM) Planner, United States Strategic Command** – Bellevue, NE **2017-2019**

*Coordinated across 3 branches of the military to enhance national-level plans and policies regarding nuclear missiles*

- Analyzed and optimized missile targeting assignment and timing data, balanced operational constraints, national strategy, and weapon efficiency; created a 20% increase in planning efficiency
- Advised senior leadership regarding submarine operations, procedures, and employment; facilitated national-level policy decisions for employment of sea-based nuclear weapons
- Accelerated modernization, implementation, and testing of \$12.7M missile planning software; created 15% improvement in efficiency in planning process for ballistic missiles
- Achieved recognition as a proven technical expert and an exceptional mentor to peers; awarded as 2018 Company Grade Officer of the Year (out of approximately 35 officers), earned Joint Service Commendation Medal for superior performance

**Quality Assurance Officer and Assistant Engineer, USS North Carolina (SSN 777)** – Pearl Harbor, HI **2014-2017**

*Directed training/certification program for 120+ sailors on submarine maintenance, including nuclear and non-nuclear systems*

- Led 25-person team to ensure undetected and safe operation of submarine while acting as direct representative for Commanding Officer during Western Pacific deployment; completed 3 classified missions vital to national security
- Created mathematical model to track and improve ship's nuclear fuel efficiency by analyzing past performance data; reduced nuclear fuel depletion by 15% and prolonged life of \$2.7B submarine
- Orchestrated 4 complex engineering evolutions involving 40+ personnel and numerous outside agencies, including nuclear and ship safety testing; enabled ship to remain on schedule during demanding shipyard period
- Coordinated intricate submarine exercise with 6 Republic of Korea (South Korea) Naval Officers; allowed for international collaboration and improved peace-time interoperability with a key ally

**Reactor Control Assistant and Communications Officer, USS North Carolina (SSN 777)** – Pearl Harbor, HI **2013-2014**

*Headed divisions that executed critical maintenance on ship's nuclear reactor and vital communications equipment*

- Oversaw 10 communications technicians during 3 missions considered vital to national security during Western Pacific deployment; allowed ship to receive over 1000 essential messages detailing ship's tasking
- Managed 12 nuclear technicians through 2 repair periods including nuclear and ship safety testing, completed 1 week ahead of schedule with 0 errors; enabled greater operational flexibility with ship's schedule

**Student, Naval Nuclear Power Training Command** – Goose Creek, SC **2011-2013**

- Earned Naval Postgraduate School certification in nuclear engineering, top 15% of class
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## ADDITIONAL INFORMATION

- Co-leader of Charlottesville Defense Entrepreneurs Forum Agora (DEF Charlottesville)
- Mentor/graduate assistant for National Security Innovation Network (NSIN) X-Force Program at the University of Virginia
- Volunteer project/program manager for Code for Charlottesville, a local chapter of Code for America