

# LANCE W. COOK

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## EDUCATION

**The Citadel, The Military College of South Carolina**, Charleston, SC

May 2016

- Bachelor of Science, Major in Computer Science with a Minor in Cyber Security.
- Analyzed vulnerabilities in the Internet of Things primarily focused on the Amazon Echo. Research produced security and privacy vulnerabilities of the device. [White Paper](#), [Github](#), [Article](#)
- Federal Bureau of Investigation cyber intern: conducted research and analysis for experts on high-tech crimes.
- 1 of 9 senior leaders in Corps of Cadets, Regimental Band and Pipes, VP of Public Affairs Political Science Club.

## WORK EXPERIENCE

**UNITED STATES NAVAL AVIATION**

**2016-Present**

**UNIVERSITY OF COLORADO BOULDER**, Boulder, CO

*Assistant Professor Adjoint*

2023-Present

- Aviation Officer instructing 38 freshman in the Intro to Naval Science, and Seapower and Maritime Affairs courses. Focused on creating new highly qualified officers in the Navy and Marine Corps.
- Academic advisor for all 25 Navy freshman students in the Department of Naval Science.

**PATROL AND RECONNAISSANCE WING FIVE SEVEN (CTF-57)**, Manama, Bahrain

*Plans and Exercises Department Head, Battle Watch Captain*

2022-2023

- Ranked #1 of 14 officers in the Command in 2023.
- Wrote three operational and technical mission plans approved by the Secretary of Defense; served as trusted advisor to the Admiral in charge of naval forces in the Middle East on Reconnaissance and Electronic Warfare.
- Planned and executed 12 multinational training exercises integrating aircraft, ships, submarines, and personnel from 33 coalition countries including the United Kingdom, New Zealand, France, Saudi Arabia, Jordan, and Egypt.

*Future Operations Officer, Weapons and Tactics Instructor*

2021-2022

- Selected as top 5% of officers in Naval Aviation to attend U.S. Navy Maritime Weapons School earning the highest level qualification possible in Naval Aviation as a Weapons and Tactics Instructor.
- Led over 20 officers and support personnel in allocation of over 70 flights each month conducting surveillance operations throughout the Middle East and its waters, achieving 97% mission success rate.

**FLEET AIR RECONNAISSANCE SQUADRON ONE (VQ-1)**, Whidbey Island, WA

*Assistant Operations Department Head*

2020-2021

- Oversaw 33 people in the planning and execution of 825 flights totaling 5085 flight hours, managed six combat crew and aircraft movements totaling 300 personnel, and provided logistic support of 17 EP-3E/P-3C aircraft.
- Ranked in top six against 110 junior officers within the Navy's largest operational aviation squadron.

*Avionics Tech Division Officer, Electronic Warfare Mission Commander*

2018-2020

- Led a forward-deployed expeditionary aircrew of 24 operators, 50+ support personnel, and one \$30 million aircraft for four detachments to various theaters of operations worldwide as an Officer in Charge.
- Commanded Intelligence, Surveillance, and Reconnaissance sorties in support of global DoD operations, accruing over 500 combat (1500 total) flight hours in the EP-3E Aries II aircraft with a 98% mission completion rate.
- Awarded two Navy Air Medals and Operation Inherent Resolve Campaign Medal while deployed in support of U.S. Navy operations to counter ISIS threats in Iraq, Syria, and Libya.

**U.S. NAVY, FLIGHT TRAINING**, Pensacola, FL

*Student Naval Flight Officer*

2016-2018

- Graduated in the top of class in Naval Flight Officer training (navigation/systems engineering).

## SKILLS AND ACTIVITIES

- Programming Languages: Java, C++, Python
- Active Top Secret//Sensitive Compartmented Information (SCI) Clearance
- Crew Resource Management Instructor, Advance Survival, Evasion, Resistance, and Escape (SERE) qualified
- Lifelong musician playing the bass guitar and euphonium. Love spending my time traveling the world snowboarding and backpacking with my girlfriend Ali to find fresh tracks and warm fires.