

LANCE W. COOK

Phone: 850-686-7977

Email: lanceacook11@gmail.com

Linkedin: [xxx](#)

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.
- Graduated with 3.2 GPA, and in a top 9 leadership position in the Corps of Cadets.

Analyzing Vulnerabilities in the Internet of Things – Amazon Echo

December 2015

- Research addresses the security and privacy concerns of the Amazon Echo, and the impact they may have on keeping our information secure. Found and exploited the Echo via its debug port. [White Paper](#), [Github](#), [Article](#)

WORK EXPERIENCE

UNITED STATES NAVY

ASSISTANT PROFESSOR ADJOINT | Lieutenant - University of Colorado Boulder, CO

May 2023—Present

- Aviation Officer in the Department of Naval Science instructing the Intro to Naval Science, and Seapower and Maritime Affair courses. Academic advisor for all freshman students in the Department of Naval Science.

STAFF OFFICER, EXERCISE PLANNER | Lieutenant, Manama, Bahrain

December 2021—May 2023

- As the senior Weapons and Tactics Instructor acted as the Operations Officer and Plans Officer in charge of all Sensitive Reconnaissance Operations, coordinated the schedule and operational tasking for all Navy shore-based reconnaissance for U.S. Navy Fifth Fleet, leading to increased mission completion rates while supporting U.S. national interests with 100+ monthly sorties.
- Planned and oversaw maritime patrol aircraft participation in X Large Scale Exercises strengthening regional partnerships and enhancing allied interoperability. Efforts directly led to several new strategic partnership agreements and approvals for previously barred unilateral U.S. flight operations at key foreign airfields.
- Developed new and experimental tactics that allowed for the creation of multiple new concepts of operations, and briefed them up to the 4-star level, earning the Navy Commendation Medal.

NAVAL FLIGHT OFFICER, ASST. OPERATIONS | Lieutenant JG, Whidbey Island, WA

September 2018—December 2021

- Handpicked as Electronic Warfare Mission Commander and Officer in Charge for a forward-deployed expeditionary aircrew of 24 operators, 50+ support personnel, and one \$30 million aircraft for four detachments.
- Conducted Intelligence, Surveillance, and Reconnaissance missions in support of global DoD operations, accumulating over 500 combat flight hours and 1500 total flight hours.
- Awarded two Navy Air Medals and Operation Inherent Resolve Campaign Medal while deployed in support of U.S. Navy Fifth and Sixth Fleet Operations—2019
- Graduated from U.S. Navy Maritime Weapons School earning the highest level qualification possible in Naval Aviation as a Weapons and Tactics Instructor—2021.

STUDENT NAVAL FLIGHT OFFICER | Ensign, Pensacola, FL

June 2016—September 2018

- Graduated and earned Naval Flight Officer wings of gold.
- Excelled in the Naval Flight Officer Training Syllabus designed to teach intelligence collection evaluation, navigation, and crew resource management skills.

CYBER INTERN - FEDERAL BUREAU OF INVESTIGATION, Columbia, SC

May 2015 - May 2016

- Highly competitive paid internship where I conducted research and analysis for experts on high-tech crimes, including cyber-based terrorism, computer intrusions, online exploitation, and major cyber frauds. Assisted with the development and implementation of various software analysis tools. Collaborated with various elements within FBIHQ, the Intel community and international partners on mitigation strategies, and produced intelligence products.

ADDITIONAL

- Programming Languages: Java, C++
- TS//SCI Clearance, Advance SERE qualified, Fleet NATOPS Instructor, Crew Resource Management – Facilitator
- Interests: Snowboarding, Backpacking, Politics