John Kha

Systems Engineer, Naval Officer

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Systems Engineering graduate looking to put operational experience as a nuclear qualified submarine officer to use in a design environment.

EXPERIENCE

US Navy Reserve

Mission Assurance Officer   Dec 2015 to Present

- Assess impact of natural and man-made hazards on USSTRATCOM assets and report those assessments to Commander, USSTRATCOM.
- Web Development - Assistance in agile development of the Strategic Mission Assurance Database System web application.

United States Navy

United States Strategic Command Staff Officer   Dec 2012 to Dec 2015

- Highly trusted operational staff position involving the translation and transmission of senior leader instructions into orders for USSTRATCOM forces.
- VBA Application Development- Created new MS Access based logging application for tracking message transmission, personnel statistics and other vital information.

Nuclear Submarine Officer   Feb 2010 to Nov 2012

- Division Officer - Navigation, Electrical and LAN divisions. Oversight of maintenance on submarine systems. Team leadership.
- Engineering Officer of the Watch - Oversight of an operational nuclear reactor including maintenance and production.
- Officer of the Deck - Decision making on current ship operations including navigation, contact management, and employment.
- Engineering Duty Officer/Ship's Duty Officer - Oversight and management of overhaul and maintenance activities while in port. Includes six month major overhaul of ships tactical systems.

Trainee: Submarine, Nuclear   Feb 2008 to Feb 2010

Naval Nuclear Power School | Naval Nuclear Prototype | Submarine Officer Basic Course

EDUCATION

Colorado State University

2016 to 2018

Master of Science in Systems Engineering

Systems Engineering Architecture | Systems Requirements Engineering | Cyber Security for Systems Engineers
Hardware/Software Design of Embedded Systems | Simulation Modeling and Experimentation

Colorado School of Mines

2003 to 2007

Bachelor of Engineering in Metallurgy and Materials Engineering

CERTIFICATIONS

Private Pilot's License

Mar 2017

SKILLS

Systems Engineering | Requirements Management | Nuclear Engineering | Systems Architecture
Information Assurance | Linux | Software Development | Microsoft Office | Embedded Systems
Unified Modeling Language (UML) | Systems Modeling | Materials Science | Computer-Aided Design (CAD)
Leadership | Concept Communication | Military Experience | Project Management | Security Clearance