# Robert B. Guild

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## Education

**Georgia Institute of Technology**, Atlanta, Georgia
Bachelor of Science in Mechanical Engineering, Highest Honors
Commissioned via Georgia Tech NROTC

## Assignments

**USS EISENHOWER (CVN 69)**, Norfolk, VA
*Chemistry and Radiological Controls Assistant*, March 2025 - August 2025
- Hand picked to serve as the Chemistry and Radiological Controls Assistant, a position normally awarded to someone with 10 years of experience.
- Responsible for leading a team of 28 Sailors in ensuring complete compliance with radiological controls work practices and maintaining reactor plant and steam plant chemistry in two naval nuclear propulsion plants. Oversaw the completion of 3,240 man hours of radiological work with no discrepancies. Executed complex chemistry management during infrequent reactor plant operations while conducting a maintenance availability.
- Administered rigorous audit and surveillance program to ensure adherence to naval nuclear radiological standards and continuous program improvement.
- Trusted by the Commanding Officer to qualify as Engineering Officer of the Watch and direct the operation of two propulsion plants during critical operations.

**USS EISENHOWER (CVN 69)**, Norfolk, VA
*Division Officer/Watch Officer*, August 2023 - March 2025
- Selected as USS Eisenhower's nuclear propulsion plant watch officer of the year for directing a 25 member team during 2500 hours of plant operations to include combat operations, advanced propulsion plant testing, and rigorous reactor plant safety evaluations.
- Led 47 mechanics in maintaining and operating nuclear systems and power generation equipment. Managed the accomplishment of 5238 maintenance evolutions during periods of varied operability requirements. Drove the restoration of 3 critical reactor plant systems to ensure continuity of plant operation. Oversaw resource coordination and scheduling of corrective and preventative maintenance for 13 month maintenance availability, ensuring timely and effective start to the availability.
- Overhauled continuous training program and delivered 21 reactor plant operational trainings and 139 qualification boards to guarantee continued safe operation at all levels.
- Department of Energy certified Nuclear Engineer. Received distinction from the head of the Naval Nuclear Propulsion Program for excellence demonstrated during a challenging two month course of study and qualification.

**Naval Nuclear Power Training Command/Nuclear Power Training Unit**, Charleston, SC
*Student*, June 2022 - July 2023
- Completed masters level nuclear engineering training with honors, graduating 16 of 93. Received personal excellence award for leadership for improving average class exam performance by 10% through individual and group counseling of 30 peers.
- Licensed to supervise naval nuclear power plants as a Nuclear Watch Officer one month early, ranking 2nd out of 28 qualifying officers.

**USS MOMSEN (DDG 92)**, Everett, WA
*Division Officer/Watch Officer*, October 2020-May 2022
- Directed team of 8 in the execution of ship's operations and navigation during tactical training scenarios and deployment operations during 818 bridge watchstanding hours. Selected by the Commanding Officer to lead special and complex evolutions on 21 occasions.
- Managed 15 Sailors in providing daily administrative support to 350 Sailor crew and directed shipwide manning management during period of 66% personnel turnover thereby mitigating the impact of shipwide personnel shortage. Oversaw the generation and completion of 1802 administrative correspondence operations and pay transactions totaling $1.2 million. Streamlined workflow organization to reduce lost and delayed transactions. Scored 97% during an unannounced external audit of personnel and pay transactions, an increase of 7%.
- Executed the ship's enlisted advancement program, a position normally held by someone with 9+ years of experience, delivering 236 advancement exams across three advancement cycles without error.

## Scholarly Output

**Determining Bathymetric LiDAR Parameter Distributions Through Simulation and Optimization**, Atlanta, Georgia
*Fall 2019*, Researched and developed novel machine learning algorithms for the optimization of multivariate simulation parameters in the creation of synthetic bathymetric LiDAR datasets. Determined the statistical distributions of parameters for which no current measurement exists. Modified existing simulation model to more accurately represent physical waveform characteristics. Conference Paper.

## Professional Interests

Naval weapon systems development and implementation.
Naval engineering systems.
Nuclear power generation.
Ship handling and operations.
Principles of effective leadership.
Industrial maintenance management.