

# ALEX LEA

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## Summary

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Team-oriented Mechanical Engineer who works effectively with all levels of employees in cross-functional teams. Experience with maintenance, watch standing and troubleshooting skills.

## Highlights

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- Centrifugal pumps and compressors
- Rotating equipment repair
- Watchstanding
- Quality assurance inspections
- Repaired pumps, valves and chill water systems

## Accomplishments

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Awarded the Navy Achievement Medal in 2014 for professional achievement in the performance of duties including outstanding initiative and diligent efforts during planned and unplanned increments of availability.

## Experience

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Outside and Inside Machinist Nov 2014 to Sep 2015  
Aerotek — San Diego, Ca

Dismantled and inspected components and adjusted and repaired them as necessary. Measured and marked dimensions and reference points accurately. Experience reading and recording data such as equipment temperature, pressures and fluid levels. Experience documenting corrective, maintaining logs and trouble call records.

Machinist Mate Aug 2008 to Jul 2014  
U.S. Navy

Identified the most efficient and acceptable resolutions to complex engineering problems. Able to read and understand blueprints, schematics, and technical drawings. Trained personnel in safe, efficient and effective watch standing and operating procedures. Operated and maintained equipment including, but not limited to pumps, boilers, turbines and heat exchangers.

## Education

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Steam and propulsion systems 2009  
Machinist Mate Strand — Great Lakes, IL, USA

Practical exercises, classroom, laboratory, lecture and computer-based training. General course topics include steam cycle, boiler fundamentals, steam turbine fundamentals, safety mechanics and procedures. In depth knowledge of physical principles of steam turbines, air conditioning systems, turbine lubricating systems and engine exhaust.

High School Diploma 2008  
Bluestone High School — Skipwith, Va, USA

Identifies basic systems and components of boilers, steam turbines, shipboard electric systems and internal combustion engines. Extensive experience with heat exchangers, drafting and sounding and boiler operations.