

Joshua Wilson

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Summary of Qualifications

Engineer Maintenance Manager and Military Veteran with prior Secret Security Clearance and 8+ years of proven experience in the United States Marine Corps. Accomplished measurable improvement while leading teams of six personnel in a dynamic, fast-paced environment. Comprehensive experience in operations management, customer service, and process improvement. Experience conducting domestic and global operations in Afghanistan, Kuwait, and Bahrain. Field-tested expertise in team leadership, risk mitigation, and interpersonal communication.

Skills

- Project Management
- Team Leadership
- Problem-Solving
- Customer Service
- Development and Training
- Process Improvement
- Inventory Management
- Intercultural Communication
- Quality Control

Professional Experiences

Northrop Grumman
College Technical Intern

May 2023 – August 2023
Flagstaff, Arizona

- Supported the Chief Data Office in data tagging efforts to comply with the DOD Zero Trust Strategy.
- Conducted interviews with NG technical experts to gather data on sector technical capabilities.
- Natural language processing scripts to generate word clouds from technical interview experts.
- Quantify data and present it in visual media for presentations to higher echelons of management.
- Use case studies on data management software to be procured by the Chief Information Office.

Institute for Tribal Environmental Professionals
College Intern

November 2022 – May 2023
Flagstaff, Arizona

- Addressed community concerns involving a family air quality assessment adjacent to a highway.
- Planned the deployment of technical equipment to collect data on air quality.
- Collected data from PURPLE air API database server to analyze through data visualization.
- Presented technical data to address concerns and offer solutions based on research.
- Compiled data, visualizations, research, and accurate time logs to conclude the project.
- Lead group exercises in environmental science as part of program outreach.

Freightliner of Arizona
Entry Level Diesel Technician

October 2018 – October 2019
Flagstaff, Arizona

- Conducted preventive maintenance on highway trucks and trailers, including DOT inspections, engine oil and fuel filter changes, and customer-requested checks and service.
- Performed chassis diagnostics across multiple Freightliner models. Received online training on diesel aftertreatment systems that pertain to Freightliner models.
- Repaired truck chassis systems such as drivetrains, pneumatic systems, and hydraulic-operated attachments.
- Provided assistance to senior-level technicians in removing and installing engines, transmissions, and body panels.

**SoCal Sandbags Inc.
Equipment Mechanic**

**July 2018 – October 2018
Corona, California**

- Conducted daily preventive and corrective maintenance on construction equipment and various Ford diesel trucks.
- Carried out field service calls to multiple construction sites in southern California.
- Operated as part of a three-personnel maintenance team, providing the company with high equipment readiness and minimal downed equipment.
- Performed maintenance outside of standard operating hours to ensure mission-critical equipment was always operational.

**United States Marine Corps
Maintenance Team Chief**

**June 2010 – July 2018
Various Global Locations**

- Led, mentored, and trained various teams conducting maintenance repair projects and quality control while maintaining safety standards supporting global operations.
- Asset management of construction equipment and toolkits valued over 3 million dollars; maintained 100% accountability and serviceability with minimal allowable discrepancies.
- Improved equipment repair time and established preventive maintenance schedule, resulting in the training of multiple service members in equipment diagnostic and repair.
- Managed \$20M+ in construction and lifting equipment vital to land development and the safety of 56 employees; ensured strict adherence following federal, state, and local safety and health regulations.
- Evaluated operations to ensure maintenance production exceeded industry standards while maintaining cleanliness and safety.
- Training entry-level employees on technical inspection procedures to maintain maintenance efficiency by keeping seasoned technicians within the critical repair stages.
- Provided detailed inspections upon receiving equipment from customers and maintained communication throughout the repair process; maintained 100% customer satisfaction.

Education

- Mechanical Engineering student, Northern Arizona University **Expected Graduation May 2025**
- Associate of Science, Coconino Community College **Graduated May 2021**

Certification & Training

Workshops for Warriors

January 2018 - April 2018

- NIMS CNC Mill Level 1
- Solidworks Associate in Mechanical Design
- NIMS CNC Lathe Level 1
- Solidworks Professional in Mechanical Design

Immers2Learn - Online Engineer/Manufacturing Training

January 2018 - April 2018

- 3-Axis CNC milling machine programming
- 3-Axis CNC milling machine setup
- CNC Lathe Setup
- CNC Lathe Programming

NC3 - Industry Recognized Certification

January 2018 – April 2018

- Starrett angle measurement
- Starrett caliper measurement
- Starrett gage measurement
- Starrett micrometer measurement