

Leif Miller

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EXPERIENCE

OS ENGINEERING | POWER SYSTEMS INTERN

June 2020 – September 2020 | Springfield, OR

- Performed initial design of power distribution system for industrial facility in accordance with the 2017 NEC.
- Assisted in development of 480V and 15kV switch gear connection diagrams and control schematics.
- Calculated power factor correction required at industrial facility based on 12 months of electric bills.
- Consolidated city transformer load information for arc flash study.

USMC | QUALITY ASSURANCE INSPECTOR

March 2016 – April 2018 | Edwards AFB, CA

- Certified confined spaces safe for technicians to enter resulting in 0 workplace injuries.
- Inspected 12 technicians hydraulic work ensuring task completion and quality.
- Verified 14 first run maintenance procedures on aircraft for safety and accuracy improving program wide maintenance procedures
- Performed test event of a prototype supporting equipment, evaluating contractual discrepancies, and equipment performance improving F-35B remote location maintainability.

USMC | HYDRAULIC CONTAMINATION CONTROL PROGRAM MANAGER

May 2016 – January 2018 | Edwards AFB, CA

- Managed company program including all company hydraulic assets resulting in a discrepancy free audit
- Inspected approximately 60 hydraulic technicians performing program procedures for regulation compliance on an annual basis.
- Conducted annual company training on changes to the program and key program points.

USMC | WORK CENTER SUPERVISOR

March 2016 – March 2018 | Edwards AFB, CA

- Supervised work center of 25 technicians while meeting all maintenance goals.
- Conducted on the job training for 6 technicians.
- Supervised teams while at remote locations ensuring that aircraft quickly and safely returned to home locations.

USMC | COLLATERAL DUTY INSPECTOR

May 2015 – March 2016 | Edwards AFB, CA

- Performed basic hydraulic systems maintenance on 4 aircraft with zero defects
- Performed 300 hours of aircraft coatings maintenance resulting in a successful test event at a radar test range.
- Performed 3 composite repairs on aircraft panels allowing them to be returned to service and mitigating replacement costs.

EDUCATION

OREGON STATE UNIVERSITY

BACHELOR OF SCIENCE IN
ELECTRICAL AND COMPUTER
ENGINEERING WITH MINOR IN
COMPUTER SCIENCE

Expected April 2023 | Corvallis, OR

Dean's List (All Semesters)

Cum. GPA: 3.9 / 4.0

SKILLS

PROGRAMMING

1+ years:

C/C++ • Python

TECHNOLOGY

Git/Github • Intel Quartus Prime • ALIS

FUNCTIONAL

Mechanical Aptitude
Troubleshooting
Quality Control Analysis
Leadership
Attention to Detail
Communication

COURSEWORK

MILITARY

Department of Labor Aircraft Mechanic
Apprenticeship
US Navy Corrosion Control School
US Navy Paint and Markings School
US Navy Gas Free Engineering/Confined
Space School
US Navy Advanced Composites Course
US Navy F-35B Airframe Mechanic
School

AWARDS

USMC Good Conduct Medal X2
US Airforce Letter of Appreciation
USMC Letter of Appreciation