

DRAKE NOSKER

MECHANICAL & AEROSPACE ENGINEER

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419 466 8121

Focused Mechanical Engineer and Marine Corps Veteran. Highly adaptable with the willingness to learn new skills and the determination to overcome challenging obstacles. Aiming to leverage real world mechanical testing and troubleshooting experience, as well as industry proven skills in computer aided design, research and development, and technical problem solving to successfully fill the Mechanical Engineer role at your company.

**Solidworks Professional Certificate (CSWP)
PDM and Configuration Management
Engineering Drawings with GD&T**

**Engineering Change and Work Orders
Technical Documentation
Part and Material Procurement**

Laboratory for Atmospheric and Space Physics

MECHANICAL ENGINEERING INTERN

BOULDER, CO

JAN 2020 - PRESENT

Integral part of mechanical engineering team tasked with the design, build, integration, and test of flight instrument and gimbal system destined to do scientific climate imaging aboard the International Space Station.

- Responsible for ground support equipment (GSE) and flight parts design for manufacturability.
- Communicate requirements with both internal and external multidisciplinary engineers, as well as machinists, fabricators and manufacturers.
- Occasionally responsible for Machining, Assembling and Testing Components.
- Manage Engineering Documentation, including Drawings, BOMs, and Procedures, throughout the stages of approval for CDM.
- Work to a schedule, and able to switch tasks as the programmatic needs change.

United States Marine Corps

JET ENGINE POWERPLANT TECHNICIAN

JUN 2010 - MAY 2017

Ascertained all qualifications and certifications available and performed scheduled and unscheduled inspection and maintenance in accordance with proper technical publications. Eventually assigned as a Quality Assurance Representative managing naval aviation programs, critical inspections of important maintenance procedures and documentation in a management system.

- Oversaw work center productivity coordinating and delegating tasks for 30+ Marines.
- Borescope and Blade Blend certification.
- HI/LOW power jet engine operator.
- Plane Captain & collateral duty inspector.
- Testing and Troubleshooting:
 - Warning and Caution Indicators.
 - Engine Accessory and Gearbox Components.
 - Lubrication, Fuel, and Hydraulic Systems.
- Vibrational and Thermal data retrieval and analysis.

University of Colorado, Boulder, CO

Bachelors of Science in Mechanical Engineering

JAN 2018 - MAY 2023 (Expected Graduation)

Paul M. Rady Department of Mechanical Engineering

3.1 GPA