

James M. Wood  
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**Objective:** Seeking a career in Metrology Engineering/Programming

**Experience:**

Computer Science Degree Program

- Experienced with HTML, Database management, C++, Java, Network management.
- Experienced with version control tools such as GitHub
- Experienced with working in group coding projects.

Test and Evaluation Lab Technician

- Performed calibration and preventative maintenance on laser tracker, T-Probe, T-Scan, CMM and Laser projector measurement systems.
- As lead technician assigned to the project, helped establish laser calibration capabilities in Boeing South Carolina.
- Experienced utilizing metrology software such as Spatial Analyzer.
- Capable of using multiple laser tracker software interfaces such as EmScon, TrackerCal and Tracker Utilities.
- Experienced with metrological data analysis and uncertainty calculations.
- Extensive knowledge with Microsoft Office applications.

Metrology Technician

- Over 8 years' experience and technical training in calibration, troubleshooting and repair using complex schematics and publications.
- Familiar with automated calibration and testing.
- Performed verification of accuracy by following written procedures or manufacturer's performance test specification list.
- Maintained lab measuring standards ensuring they were in working condition and within specifications of preventative maintenance.
- Adept at reading and understanding engineering drawings and specifications.
- Able to work unsupervised or with a group to accomplish goals.
- Worked in a competitive and fast paced environment to accomplish goals and meet desired deadlines.

Supervisor/ Lab Parts Expediter

- Maintained and expedited workload.
- Worked closely with repair technicians to ensure proper parts and assemblies were acquired.
- Communicated frequently with multiple locations and personnel to accomplish combined goals.
- Implemented hardware changes to electronic test sets IAW manufacturer's specifications.

- Verified and approved out of tolerance data collections.
- Utilized complex schematics and drawings to troubleshoot and repair a wide variety of equipment.
- Certified in Lean Six Sigma and Airspeed to reduced waste and increase productivity.

#### **Education and Training:**

Bachelor's in computer science (In Progress)

2017-Present

American Society for Quality Certified Calibration Technician

2015

Corrosion Control and Safety classes in accordance with NAVOSH Specifications

2010-2013

Airspeed, Yellow Belt in Lean/ Six Sigma/ Theory of Constraints

2010

Intermediate Level Calibration of Physical/Dimensional and Measuring Systems School, Keesler AFB

2009 (Honor Graduate)

General Purpose Electronic Test Equipment Repair Calibration School, Keesler AFB

2009 (Honor Graduate)

Avionics Technician Intermediate Training NATTC Pensacola, FL

2009

Apprentice Technical Training NATTC, Pensacola, FL

2009

Graduated from Union High School, Union, Missouri

2008

#### **Employment History:**

-The Boeing Company

Test and Evaluation Lab Technician

August 7, 2015-Present

-MSI-Viking Gage LLC

Lead Metrology Technician

August 20, 2013-August 7, 2015

-UNITED STATES MARINE CORPS

Supervisor/Expediter

July 1, 2011-July 27, 2013

Experienced Avionics Calibration/PME Technician

August 1, 2010-July 1, 2011

Calibration/PME Technician

May 1, 2009-August 1, 2010

Military Training Schools

August 24 2008-May 1, 2009

References available upon request.